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CHARACTERISTICS OF HOUSING UNITS

Detailed Housing Characteristics

VERMONT

1980 Census of Housing

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1980 Census of Housing

VOLUME 1
CHARACTERISTICS OF HOUSING UNITS

CHAPTER B

Detailed Housing Characteristics

PART 47

VERMONT

HC80-1-B47

Issued June 1983

U.S. Department of Commerce
Malcolm Baldrige, Secretary
Robert G. Dederick,
Under Secretary for
Economic Affairs

BUREAU OF THE CENSUS
Bruce Chapman, Director

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C.L. Kincannon, Deputy Director

HOUSING DIVISION
Arthur F. Young, Chief

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Table Finding Guide —Subjects by Type of Area and Table Number

This guide lists all subjects covered in this report but does not indicate cross-classifications (e.g., tenure). Data on allocation rates appear in tables B1 and B2. For meaning of abbreviations, see the Introduction. For a description of the area classifications, see appendix A. For definition and explanations of subject characteristics, see appendix B.

Subject	The State				SCSA's, SMSA's, Urbanized Areas, Central Cities of SMSA's	Places[1] of—			Counties			American Indian Reservations
	Total	Urban and Rural and Size of Place, Inside and Outside SMSA's	Rural	Rural Farm		50,000 or More	10,000 to 50,000	2,500 to 10,000	Total	Rural	Rural Farm	
SUMMARY CHARACTERISTICS	54,55,56, 57,58,59	54,55,56, 57,58,59	54,55, 56,57, 58,59	54,55, 56,57, 58,59	54,55,56, 57,58,59	54,55,56, 57,58,59	54,55, 56,57, 58,59	54,55, 56,57, 58,59	54,55, 56,57, 58,59	–	–	102
TOTAL HOUSING UNITS	–	–	98	–	–	–	–	–	–	98	–	–
TOTAL POPULATION	–	–	98	99	–	–	–	–	–	98	99	–
OCCUPANCY AND VACANCY CHARACTERISTICS												
Occupied housing units	61,62,63, 64,65,66, 67,68,69, 70,71,72	61,62,63, 64,65,68, 69,70	98,100	99,101	74,75,76, 77,78,79, 80,81,82, 83,84,85	74,75,76, 77,78,79, 80,81,82, 83,84,85	88,89, 90	91,92	94,95, 96,97	98,100	99,101	102
Tenure; Persons in occupied housing units	–	–	98	99	–	–	–	–	–	98	99	–
Year householder moved into unit	61,63,64, 65,66,67	61,63,64, 65	100	101	74,76,77, 78,79,80	74,76,77, 78,79,80	87,89	91,92	94,96	100	101	–
Vacant housing units	–	–	98	–	–	–	–	–	–	98	–	–
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units; Tenure; Plumbing facilities; Kitchen facilities; Vehicles available; Telephone in unit; Central heating system; Air conditioning	61,63,64, 65,66,67	61,63,64, 65	100	101	74,76,77, 78,79,80	74,76,77, 78,79,80	87,89	91,92	94,96	100	101	–
UTILIZATION CHARACTERISTICS												
Rooms; Size of household (Persons in unit); Persons per room	–	–	98	99	–	–	–	–	–	98	99	–
Bedrooms	60,63,64, 65,66,67	60,63,64, 65	–	–	73,76,77, 78,79,80	73,76,77, 78,79,80	86,89	91,92	93,96	–	–	–
STRUCTURAL CHARACTERISTICS												
Year structure built	60,63,64, 65,66,67	60,63,64, 65	100	101	73,76,77, 78,79,80	73,76,77, 78,79,80	86,89	91,92	93,96	100	101	–
Units in structure	60,63,64, 65,66,67	60,63,64, 65	100	101	73,76,77, 78,79,80	73,76,77, 78,79,80	86,89	91,92	93,96	100	101	–
By gross rent	60,63,64, 65,66,67	60,63,64, 65	–	–	73,76,77, 78,79,80	73,76,77, 78,79,80	86,89	–	93,96	–	–	–
Stories in structure; Passenger elevator	60	60	–	–	73	73	86	–	93	–	–	–
PLUMBING CHARACTERISTICS												
Plumbing facilities	–	–	98	99	–	–	–	–	–	98	99	–
Bathrooms	61,63,64, 65,66,67	61,63,64, 65	–	–	74,76,77, 78,79,80	74,76,77, 78,79,80	87,89	91,92	94,96	–	–	–

This guide lists all subjects covered in this report but does not indicate cross-classifications (e.g., tenure). Data on allocation rates appear in tables B1 and B2. For meaning of abbreviations, see the Introduction. For a description of the area classifications, see appendix A. For definition and explanations of subject characteristics, see appendix B.

Subject	The State				SCSA's, SMSA's, Urbanized Areas, Central Cities of SMSA's	Places[1] of–			Counties			American Indian Reservations
	Total	Urban and Rural and Size of Place, Inside and Outside SMSA's	Rural	Rural Farm		50,000 or More	10,000 to 50,000	2,500 to 10,000	Total	Rural	Rural Farm	
PLUMBING CHARACTERISTICS—Con.												
Source of water / Sewage disposal	61,63,64, 65,66,67	61,63,64, 65	100	101	74,76,77, 78,79,80	74,76,77, 78,79,80	87,89	–	94,96	100	101	–
EQUIPMENT AND FUELS												
Kitchen facilities / Heating equipment / Vehicles available	61,63,64, 65,66,67	61,63,64, 65	100	101	74,76,77, 78,79,80	74,76,77, 78,79,80	87,89	91,92	94,96	100	101	–
Air conditioning	61,63,64, 65,66,67	61,63,64, 65	100	101	74,76,77, 78,79,80	74,76,77, 78,79,80	87,89	91	94,96	100	101	–
Telephone in housing unit	61,63,64, 65,66,67	61,63,64, 65	100	101	74,76,77, 78,79,80	74,76,77, 78,79,80	87,89	91,92	94,96	100	101	–
Fuels used for house heating	62,68,69, 70,71,72	62,68,69, 70	100	101	75,81,82, 83,84,85	75,81,82, 83,84,85	88,90	91,92	95,97	100	101	–
Fuels used for water heating and cooking	62,68,69, 70,71,72	62,68,69, 70	–	–	75,81,82, 83,84,85	75,81,82, 83,84,85	88,90	–	95,97	–	–	–
FINANCIAL CHARACTERISTICS												
Value	–	–	98	–	–	–	–	–	–	98	–	–
Mortgage status and selected monthly owner costs	62,68,69, 70,71,72	62,68,69, 70	100	101	75,81,82, 83,84,85	75,81,82, 83,84,85	88,90	91,92	95,97	100	101	–
Rent:												
Contract rent, median	–	–	98	–	–	–	–	–	–	98	–	–
Gross rent	62,68,69, 70,71,72	62,68,69, 70	100	101	75,81,82, 83,84,85	75,81,82, 83,84,85	88,90	91,92	95,97	100	101	–
Income in 1979, median	62,68,69, 70,71,72	62,68,69, 70	100	101	75,81,82, 83,84,85	75,81,82, 83,84,85	88,90	91	95,97	100	101	–
Poverty Status in 1979	62,68,69, 70,71,72	62,68,69, 70	–	–	75,81,82, 83,84,85	75,81,82, 83,84,85	88,90	–	95,97	–	–	–

Note: Data for housing units with a White householder may be found in tables 55, 63, 68, 76, 81, 89, 90, 92, 96, and 97; data for a Black householder, tables 56, 64, 69, 77, 82, 89, 90, 92, 96, and 97; data for an American Indian, Eskimo, or Aleut householder, tables 57, 66, 71, 78, 83, 89, 90, 92, 96, and 97; data for an Asian and Pacific Islander householder, tables 58, 66, 71, 79, 84, 89, 90, 92, 96, and 97; and data for a Spanish Origin householder, tables 59, 65, 67, 70, 72, 80, 85, 89, 90, 92, 96, and 97.

[1] Data for towns and townships are shown for Connecticut, Maine, Massachusetts, Michigan, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, and Wisconsin.

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GENERAL

This report is part of the *Detailed Housing Characteristics* series and presents sample data from the 1980 Census of Population and Housing on detailed characteristics of housing units for the State, classified by urban and rural residence and by size of place, its counties or comparable areas, places of 2,500 or more inhabitants, census designated places, standard consolidated statistical areas (SCSA's), standard metropolitan statistical areas (SMSA's), urbanized areas, American Indian reservations, Alaska Native villages and certain other geographic areas of the State. The abbreviated identification for this report is HC80-1-B (i.e., Housing Census, 1980-Volume 1-Chapter B) followed by a number representing the State. Legal provision for this census, which was conducted as of April 1, 1980, was made in the Act of Congress of August 31, 1954 (amended August 1957, December 1975, and October 1976), which codified Title 13, United States Code.

A large portion of the Housing information compiled from the 1980 Census of Population and Housing will appear in Volume 1, *Characteristics of Housing Units,* of which this report is part.

The total housing unit and population estimates for the various geographic entities shown here may differ from those shown in the *Advance Reports,* PHC80-V. The differences reflect corrections of errors found after the PHC80-V reports were prepared. The changes may affect any geographic area shown in this report. Small differences may also result from the weighting techniques used to inflate the sample figures shown in this report to 100-percent totals. For further discussion of the estimation procedure, see Appendix D, "Accuracy of the Data."

The content and procedures of the 1980 census were determined after evaluation of the results of the 1970 census, consultation with a wide variety of users of census data, and extensive field testing. A number of changes were introduced in 1980 to improve the usefulness of the census results. The changes do not, however, affect to any appreciable extent the comparability between the 1980 census data and the 1970 census data for most characteristics. Further information on comparability appears in Appendix B, "Definitions and Explanations of Subject Characteristics."

More detailed information on the technical and procedural matters covered in the text of this report can be obtained by writing to the Director, Bureau of the Census, Washington, D.C. 20233. Such information will also appear in other publications of the 1980 census.

CONTENTS OF THE REPORT

This report contains text (this introduction and 6 appendixes), a table of contents, 49 detailed tables, and 2 allocation tables. In reports showing data on towns and townships, an additional 26 detailed tables and an allocation table are included.

A map of the State appears after the table of contents and shows county names and boundaries, the names and boundaries of SCSA's and SMSA's, the names and locations of all places with a population of 25,000 or more, and SMSA central cities with fewer than 25,000 inhabitants. Then follow the detailed tables and the tables covering allocations. The first table in this report is table 54; tables 1 to 53 appear in the Series HC80-1-A, *General Housing Characteristics* report for this State.

Each table is identified by a table number and title. The "stubhead" at the left under the title defines the types of geographic areas for which data are shown in the particular table and is considered part of the table title. Names and boundaries of American Indian reservations are shown on the county subdivision map in the HC80-1-A, *General Housing Characteristics* reports. In the Alaska report, the subdivision map also shows the names and locations of Alaska Native villages.

A table finding guide lists the characteristics and various race/Spanish origin groups covered in this report and shows the tables in which the various types of statistics appear.

The amount of detail presented in this report is generally greater for larger places than for smaller ones. The greatest amount of detail is shown for the State and its urban and rural parts and for SCSA's, SMSA's, urbanized areas, places with a population of 10,000 or more, and counties. Somewhat less detail is shown for places of 2,500 to 10,000 and for rural and rural farm portions of counties. The least amount of detail is shown for American Indian reservations and, in Alaska, for Alaska Native villages.

Appearing last in the report are the appendixes. Appendix A describes the various area classifications (e.g., urban and rural residence, census designated places, and urbanized areas). Appendix B provides definitions and explanations for the subjects covered in this report. Appendix C briefly explains the residence rules used in counting the population and describes the data collection and processing procedures. Appendix D presents information on the sources of error in the data, editing procedures, and a descrip-

tion of allocation tables B-1 and B-2, Appendix E contains facsimiles of the respondent instructions and 1980 census questionnaire pages showing the population and housing questions. Appendix F summarizes the data dissemination program of the 1980 census.

DERIVED FIGURES (Medians and Percents)

This report presents medians and percents as well as certain ratios. The median—a type of average— is the middle value in a distribution; i.e., the median divides the distribution into two equal parts: one-half of the cases fall below the median and one-half of the cases exceed the median. Percents and other derived measures which round to less than 0.1 are not shown but indicated as zero (i.e., "–").

Medians for rooms are rounded to the nearest tenth, for persons to the nearest hundredth, for value to the nearest hundred dollar, and for income, selected monthly owner costs, contract rent, and gross rent to the nearest dollar. In computing medians for rooms and persons in unit, the whole number is used as the midpoint of the interval so that, for example, the category "3 rooms" is treated as an interval ranging from 2.5 up to 3.5 rooms. In computing median rent, units reported as "no cash rent" are excluded.

The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in this report. When the median falls in the lower terminal category of an open-ended distribution, the method of presentation is to show the initial value of the next category followed by a minus sign; thus, for example, if the median falls in the category "Less than $10,000," it is shown as "10,000–." When the median falls in the upper terminal category of an open-ended distribution, the initial value of the terminal category is given followed by a plus sign; thus, for example, if the median falls in the category "$200,000 or more," it is shown as "200,000+."

SYMBOLS AND GEOGRAPHIC ABBREVIATIONS

The following symbols and geographic abbreviations are used in the tables:

- A dash "–" represents zero or a percent which rounds to less than 0.1.
- Three dots ". . ." mean not applicable, or that the data are being withheld to avoid disclosure of information for individuals or housing units. (For further information on disclosure, see the section below on "Suppression of Data for Confidentiality.")
- CDP is census designated place.
- SCSA is standard consolidated statistical area.
- SMSA is standard metropolitan statistical area.

SUPPRESSION OF DATA FOR CONFIDENTIALITY

To maintain the confidentiality promised respondents and required by law, the Census Bureau takes precautions that its published data do not disclose information about specific individuals and housing units. To accomplish this, the Bureau suppresses data for characteristics which are based on a small number of persons and/or housing units in the geographic area. Under certain conditions, both primary and complementary suppression, as defined below, may take place.

The general rules of primary suppression of sample data are as follows: estimates of total population by race and Spanish origin are never suppressed; other characteristics for persons are shown only if there are 30 or more persons in the geographic area; estimates of total housing units, vacant housing units, year-round housing units, and occupied housing units are never suppressed; characteristics of year-round housing units which are not classified by occupancy status are shown only when there are 10 or more year-round housing units in the geographic area; characteristics of families, households, or occupied housing units are shown only if there are at least 10 occupied housing units within the geographic area; and distributions of data for owners or renters are shown only where the number of owners is at least 10 and the number of renters is also at least 10. These primary suppression criteria are applied independently of one another. The comparable figures for complete count (100 percent) data are 15 or more persons and 5 or more housing units of the specified type.

Population and occupied housing unit characteristics cross-classified by race or Spanish origin (of the householder in the case of occupied housing units) are subject to an additional level of examination. This requires the 30 person or 10 housing unit criterion stated above be applied individually to each race or Spanish origin category.

Finally, complementary suppression is applied to prevent the derivation of primary suppressed data by subtraction. For example, housing unit data shown by tenure may require complementary suppression when the number of owner-occupied or renter-occupied housing units is less than 10.

1980 Census of Housing

Detailed Housing Characteristics

VERMONT

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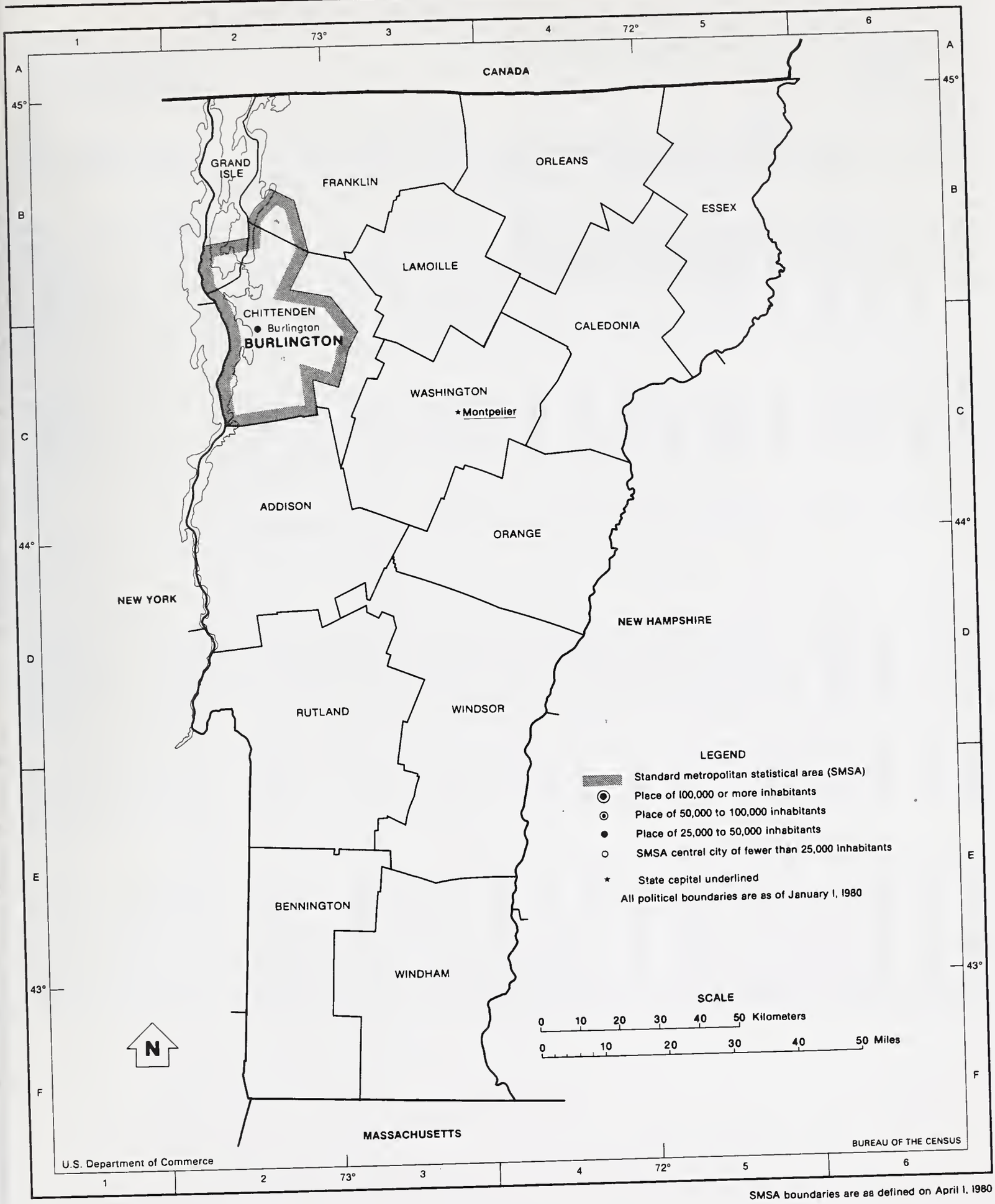

SMSA boundaries are as defined on April 1, 1980

CORRECTION NOTE

Corrections to the 1980 census counts of the total population and total housing units have been made to some of the areas shown in this report. These corrections can be found in the correction note in PC80-1-A1, Number of Inhabitants, United States Summary; the PC80-1-B, General Population Characteristics; HC80-1-A, General Housing Characteristics Individual State reports and the United States Summary. Any additional corrections made after these reports were printed are available by writing to Data User Services Division, Customer Services (Corrections), Bureau of the Census, Washington, D.C. 20233.

In tables 54-59, 62, 68-72, 75, 81-85, 88, 90-92, 95, 97, and 100-102, the median selected monthly owner costs may be shown incorrectly as $400+ or $1000+. Any such incorrect median has been marked ~~$400+~~ or ~~$1000+~~ to indicate the error. The correct median is less than $50 ($50-).

Median income figures for occupied housing units in this report were calculated using linear interpolation. This differs from the methodology used in other 1980 census reports. In the other reports median income figures less than $30,000 were derived through linear interpolation; median income values of $30,000 or more were derived using Pareto interpolation.

Table 54. **Summary of Detailed Housing Characteristics: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The State Urban and Rural and Size of Place Inside and Outside SMSA's SCSA's SMSA's Urbanized Areas Places of 2,500 or More Counties	Year-round housing units										Occupied housing units					
		Percent with—										Percent with—		Median selected monthly owner costs (dollars), specified owner occupied		
		Year structure built														
	Total	1970 to March 1980	1939 or earlier	5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bathrooms	3 or more bedrooms	Total	Householder moved into unit 1979 to March 1980	1 or more vehicles available	With a mortgage	Not mortgaged	Median gross rent (dollars), specified renter occupied
The State	**196 459**	**24.4**	**46.9**	**9.4**	**57.9**	**46.7**	**74.7**	**9.6**	**95.8**	**57.4**	**178 325**	**21.6**	**89.7**	**336**	**164**	**224**
URBAN AND RURAL AND SIZE OF PLACE																
Urban	**65 789**	**15.6**	**52.7**	**19.2**	**97.5**	**91.4**	**85.6**	**14.1**	**97.3**	**48.6**	**62 697**	**25.8**	**83.2**	**363**	**183**	**226**
Inside urbanized areas	27 064	22.3	36.8	21.6	98.4	87.1	85.2	16.0	97.8	48.9	26 073	28.7	85.6	384	182	255
Central cities	13 706	10.8	53.3	25.5	100.0	98.5	84.4	13.8	96.8	41.9	13 107	31.6	79.1	355	182	243
Urban fringe	13 358	34.2	19.9	17.7	96.8	75.4	86.1	18.3	98.8	56.0	12 966	25.7	92.2	399	183	277
Outside urbanized areas	38 725	10.9	63.7	17.5	96.9	94.4	85.9	12.7	97.0	48.4	36 624	23.7	81.4	343	184	210
Places of 10,000 or more	7 341	10.8	61.7	15.2	99.7	98.9	89.7	14.1	97.8	51.3	6 973	23.0	83.2	369	193	224
Places of 2,500 to 10,000	31 384	10.9	64.2	18.1	96.2	93.4	85.0	12.3	96.8	47.7	29 651	23.8	81.0	337	182	207
Rural	**130 670**	**28.8**	**44.0**	**4.4**	**37.9**	**24.2**	**69.2**	**7.3**	**95.1**	**61.8**	**115 628**	**19.3**	**93.3**	**324**	**154**	**223**
Places of 1,000 to 2,500	18 315	12.4	66.3	9.7	94.4	78.5	80.2	9.1	96.9	58.3	16 922	21.5	85.8	320	166	207
Other rural	112 355	31.5	40.4	3.6	28.7	15.3	67.4	7.0	94.8	62.3	98 706	18.9	94.6	324	151	231
Farm	5 116	12.1	74.5	–	9.4	1.1	63.2	5.1	96.1	84.8	5 116	8.7	98.8	350	152	210
INSIDE AND OUTSIDE SMSA's																
Inside SMSA's	**39 474**	**28.6**	**32.9**	**15.7**	**81.4**	**64.6**	**81.3**	**14.4**	**97.8**	**54.4**	**37 987**	**26.1**	**89.2**	**379**	**180**	**259**
Urban	27 064	22.3	36.8	21.6	98.4	87.1	85.2	16.0	97.8	48.9	26 073	28.7	85.6	384	182	255
Central cities	13 706	10.8	53.3	25.5	100.0	98.5	84.4	13.8	96.8	41.9	13 107	31.6	79.1	355	182	243
Not in central cities	13 358	34.2	19.9	17.7	96.8	75.4	86.1	18.3	98.8	56.0	12 966	25.7	92.2	399	183	277
Rural	12 410	42.3	24.5	2.9	44.4	15.3	72.8	11.0	97.8	66.5	11 914	20.5	97.0	370	171	289
Outside SMSA's	**156 985**	**23.3**	**50.4**	**7.8**	**51.9**	**42.2**	**73.1**	**8.3**	**95.3**	**58.1**	**140 338**	**20.3**	**89.9**	**322**	**161**	**215**
Urban	38 725	10.9	63.7	17.5	96.9	94.4	85.9	12.7	97.0	48.4	36 624	23.7	81.4	343	184	210
Rural	118 260	27.4	46.1	4.6	37.2	25.1	68.8	6.9	94.8	61.3	103 714	19.1	92.9	316	153	218
SMSA's																
Burlington, Vt.	39 474	28.6	32.9	15.7	81.4	64.6	81.3	14.4	97.8	54.4	37 987	26.1	89.2	379	180	259
Urban	27 064	22.3	36.8	21.6	98.4	87.1	85.2	16.0	97.8	48.9	26 073	28.7	85.6	384	182	255
Rural	12 410	42.3	24.5	2.9	44.4	15.3	72.8	11.0	97.8	66.5	11 914	20.5	97.0	370	171	289
URBANIZED AREAS																
Burlington, Vt.	27 064	22.3	36.8	21.6	98.4	87.1	85.2	16.0	97.8	48.9	26 073	28.7	85.6	384	182	255
PLACES OF 2,500 OR MORE																
Barre city	4 152	9.1	69.8	19.9	99.0	99.4	84.7	11.0	97.0	45.7	4 003	23.6	80.7	327	170	194
Bellows Falls village	1 483	5.2	78.8	16.7	99.6	98.7	84.8	14.6	96.2	47.7	1 359	24.9	73.4	317	184	215
Bennington (CDP)	3 697	10.5	63.1	11.6	96.6	91.5	88.8	14.4	95.3	53.0	3 455	21.4	81.6	368	177	226
Brattleboro (CDP)	3 424	4.6	75.6	21.5	95.3	93.4	84.6	19.8	96.5	44.3	3 272	25.5	78.0	356	201	219
Burlington city	13 706	10.8	53.3	25.5	100.0	98.5	84.4	13.8	96.8	41.9	13 107	31.6	79.1	355	182	243
Essex Junction village	2 547	27.5	24.0	17.6	99.6	96.5	87.7	17.3	98.7	54.8	2 480	24.7	93.6	362	166	270
Middlebury (CDP)	1 503	22.6	51.1	18.1	92.5	81.8	77.8	10.1	97.5	51.9	1 445	27.7	83.3	383	203	235
Montpelier city	3 423	10.4	62.7	21.7	96.0	96.3	91.5	7.9	97.2	48.8	3 254	24.2	82.5	349	205	202
Newport city	1 907	11.4	70.4	14.1	98.3	91.6	83.0	5.3	98.2	53.1	1 797	27.0	81.2	300	164	184
Rutland city	7 341	10.8	61.7	15.2	99.7	98.9	89.7	14.1	97.8	51.3	6 973	23.0	83.2	369	193	224
St. Albans city	3 077	11.7	69.6	18.9	99.9	99.5	83.5	12.4	96.4	41.9	2 836	25.6	78.7	349	183	211
St. Johnsbury (CDP)	3 095	8.6	72.2	22.0	93.3	84.8	77.6	8.1	95.6	47.0	2 882	23.8	81.2	318	170	191
South Burlington city	3 949	32.3	9.1	21.0	95.4	92.1	90.1	22.0	99.4	56.2	3 819	27.8	95.6	394	192	337
Springfield (CDP)	2 369	6.7	50.8	15.2	95.7	94.4	86.7	10.8	98.1	50.9	2 233	19.7	83.3	313	172	198
Swanton village	978	18.7	55.7	4.3	100.0	96.7	85.4	21.1	98.8	55.1	932	13.5	82.5	275	156	235
West Brattleboro (CDP)	1 203	31.9	20.9	22.0	79.0	78.4	87.0	17.6	98.8	42.1	1 157	18.1	85.2	375	208	217
White River Junction (CDP)	1 073	14.9	49.5	20.5	100.0	97.8	87.8	14.7	96.0	41.5	1 026	34.2	87.0	336	183	218
Winooski city	2 400	14.8	53.7	18.9	100.0	99.0	76.6	18.1	97.6	45.0	2 330	23.6	76.5	354	185	235
COUNTIES																
Addison	10 310	27.6	47.2	4.8	46.5	23.3	67.8	8.6	94.4	62.0	9 380	21.2	91.6	318	163	226
Bennington	13 868	22.9	46.6	6.6	55.5	40.2	81.1	10.8	95.7	59.0	11 956	19.3	90.1	360	166	229
Caledonia	10 169	21.8	59.4	10.0	55.8	43.5	69.3	5.1	94.8	58.0	9 225	20.0	87.9	296	147	189
Chittenden	40 105	29.2	32.9	15.7	80.1	63.9	80.7	14.2	97.7	54.3	38 528	26.2	89.3	380	180	259
Essex	2 424	20.5	56.8	2.6	47.2	34.7	71.5	3.1	91.5	61.1	2 180	16.8	90.2	263	135	190
Franklin	12 640	23.8	54.6	6.4	56.4	44.1	73.5	10.2	95.8	60.2	11 586	18.1	88.6	314	156	215
Grand Isle	1 913	27.8	43.6	0.5	32.6	9.3	66.0	5.4	94.7	65.6	1 603	16.7	94.3	301	143	236
Lamoille	6 548	30.5	44.5	9.8	43.0	29.8	71.4	5.4	96.2	59.4	5 897	25.2	90.2	305	157	217
Orange	8 196	27.1	50.6	4.2	32.9	20.9	65.0	5.2	93.5	59.7	7 762	19.6	92.6	307	148	209
Orleans	8 797	21.8	56.8	6.2	53.0	40.4	70.5	4.2	96.0	62.0	8 097	20.6	89.6	270	146	188
Rutland	22 617	20.9	52.6	8.0	61.4	55.1	78.3	11.5	96.5	59.3	20 604	19.9	90.0	343	167	224
Washington	19 736	21.8	51.8	10.8	64.1	57.6	75.2	7.1	96.1	55.9	18 613	20.9	88.8	319	171	204
Windham	17 378	21.8	48.1	9.7	41.3	40.4	71.6	10.3	94.2	53.5	13 840	21.5	88.0	331	165	222
Windsor	21 758	23.0	45.9	7.8	48.7	41.4	71.9	8.2	95.3	55.7	19 054	20.2	91.3	335	165	224

Table 54a. **Summary of Detailed Housing Characteristics for Towns/Townships: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Towns/Townships of 2,500 or More	Year-round housing units										Occupied housing units					
		Percent with—										Percent with—		Median selected monthly owner costs (dollars), specified owner occupied		
		Year structure built														
	Total	1970 to March 1980	1939 or earlier	5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bathrooms	3 or more bedrooms	Total	Householder moved into unit 1979 to March 1980	1 or more vehicles available	With a mortgage	Not mortgaged	Median gross rent (dollars), specified renter occupied
Barre town	2 335	22.3	37.2	1.0	73.1	72.2	76.5	4.8	98.2	77.5	2 256	13.6	95.7	317	172	221
Barton town	1 190	14.9	70.8	8.4	75.5	66.0	77.3	7.1	96.6	61.5	1 087	20.8	84.5	256	152	178
Bennington town	5 807	17.5	53.4	11.1	83.3	76.7	86.9	13.9	95.8	55.9	5 457	21.5	85.6	374	177	226
Brandon town	1 486	19.1	58.3	5.8	76.2	55.3	71.1	11.6	96.4	58.1	1 388	20.2	88.8	335	154	206
Brattleboro town	4 808	11.9	60.6	20.9	87.7	86.3	84.5	19.3	97.2	44.4	4 580	23.2	80.5	367	202	219
Bristol town	1 170	29.5	47.3	5.1	64.9	8.6	70.5	6.7	96.3	54.0	1 106	24.6	85.0	319	164	226
Castleton town	1 158	39.5	35.1	10.0	32.7	46.9	78.6	15.2	97.8	54.8	1 083	24.0	95.6	376	180	231
Charlotte town	858	36.5	38.7	0.5	5.0	0.7	65.4	7.8	96.7	69.6	824	21.7	98.3	402	163	283
Chester town	1 083	18.9	50.6	4.2	47.4	42.6	63.4	9.1	95.0	53.2	1 010	17.1	92.8	329	173	220
Colchester town	4 001	45.9	14.1	10.4	81.5	23.2	81.3	14.2	98.0	54.0	3 872	26.4	96.8	370	170	289
Derby town	1 576	24.2	40.3	8.9	62.2	36.5	76.0	4.9	99.3	55.3	1 489	19.9	94.5	284	144	195
Essex town	4 826	39.7	18.4	16.0	86.8	60.8	85.2	15.5	98.5	59.8	4 684	23.6	95.4	389	174	288
Fair Haven town	1 018	10.7	62.9	5.8	90.5	78.9	84.5	13.3	97.2	62.4	965	20.6	90.5	303	166	226
Georgia town	861	47.5	25.1	–	19.0	0.8	69.0	10.9	98.0	74.8	835	18.1	97.0	354	159	305
Hardwick town	1 081	21.2	65.6	11.0	70.6	57.8	71.2	4.3	96.3	57.1	928	19.8	83.9	276	152	159
Hartford town	3 192	30.2	42.2	15.4	73.5	69.5	82.1	11.7	96.1	51.4	2 958	25.6	90.9	370	177	236
Hinesburg town	937	45.1	28.1	1.3	33.8	20.3	64.9	5.3	95.8	60.8	895	22.7	96.0	360	168	283
Jericho town	1 048	48.0	26.8	–	49.0	1.0	75.8	9.2	99.1	83.9	1 029	15.5	99.1	409	192	306
Johnson town	869	32.6	49.3	20.3	60.9	52.9	72.4	5.1	93.7	53.7	811	36.4	87.7	301	150	209
Lyndon town	1 728	29.6	50.9	8.8	75.5	54.9	73.3	4.7	97.2	57.6	1 644	22.5	87.8	310	148	196
Manchester town	1 563	23.5	45.8	9.7	64.9	42.4	83.3	8.8	97.4	62.1	1 251	19.2	93.3	426	159	223
Middlebury town	2 231	22.1	46.6	12.2	85.5	57.5	76.3	9.9	96.5	55.4	2 142	26.0	87.3	374	194	234
Milton town	2 170	50.1	18.0	5.0	46.5	12.4	76.7	9.8	98.3	66.5	2 080	22.6	95.3	343	144	264
Morristown town	1 805	21.7	49.3	11.9	62.6	49.7	76.5	5.9	97.7	55.0	1 619	22.9	85.1	311	163	205
Northfield town	1 589	20.0	56.1	5.7	71.6	52.0	74.8	7.4	94.8	60.8	1 497	23.0	89.2	323	161	199
Pittsford town	1 013	19.7	53.6	5.1	63.4	28.3	76.7	9.9	96.2	57.7	956	21.5	94.6	312	158	227
Poultney town	1 145	18.9	63.1	4.8	49.0	47.8	83.8	11.8	94.7	61.6	1 039	11.0	87.3	324	169	199
Pownal town	1 283	26.8	34.8	2.7	27.4	6.8	75.1	12.5	96.1	49.2	1 132	19.7	95.8	318	147	223
Randolph town	1 572	21.6	57.8	11.7	62.8	52.1	73.6	5.0	95.0	57.1	1 487	21.2	88.2	325	173	206
Richmond town	1 072	43.8	29.9	4.0	43.7	28.8	69.9	9.9	98.0	61.8	1 032	24.2	97.9	384	180	242
Rockingham town	2 261	9.3	69.1	11.5	70.8	73.2	78.1	13.2	95.0	54.2	2 075	20.6	81.1	319	160	217
Rutland town	1 154	36.4	22.4	2.9	40.7	16.1	77.7	18.1	100.0	74.7	1 087	16.6	95.7	376	138	224
St. Albans town	1 180	25.1	38.3	1.9	41.6	7.2	70.0	13.0	96.9	62.5	1 077	11.5	94.9	344	164	255
St. Johnsbury town	3 373	10.1	69.1	20.5	86.5	78.4	75.7	8.0	95.3	47.9	3 137	23.0	82.5	306	165	191
Shaftsbury town	1 162	25.2	39.3	–	42.7	5.9	78.6	11.7	96.6	60.9	1 061	16.0	94.8	355	168	257
Shelburne town	1 692	32.4	15.9	3.0	79.6	70.0	79.2	20.2	98.9	72.0	1 613	17.6	95.9	481	210	324
Springfield town	4 015	11.7	42.4	10.9	74.8	64.8	82.9	12.3	97.9	54.6	3 834	17.3	88.3	315	167	207
Stowe town	1 418	31.2	36.3	15.2	41.9	28.4	86.3	4.7	98.5	57.9	1 194	36.0	91.9	357	224	246
Swanton town	1 830	32.2	40.7	2.8	67.8	59.2	82.1	17.0	97.4	58.8	1 746	15.9	88.0	289	154	236
Waterbury town	1 616	31.1	47.7	7.5	66.5	44.3	69.3	9.0	97.3	52.9	1 504	21.4	87.7	323	181	211
Weathersfield town	979	32.6	25.9	1.1	15.1	1.6	63.9	9.1	96.0	53.1	914	20.7	95.8	343	142	231
Williston town	1 266	34.1	24.2	2.4	54.0	7.7	76.6	12.9	98.9	75.6	1 210	18.0	98.8	416	198	320
Windsor town	1 560	7.9	63.8	14.6	84.9	79.6	80.2	7.8	97.0	48.0	1 475	17.4	86.6	305	189	201
Woodstock town	1 415	18.9	57.7	5.0	52.2	50.7	74.8	9.6	97.0	59.3	1 261	18.9	90.2	371	180	261

Table 55. Summary of Detailed Housing Characteristics of Housing Units With a White Householder: 1980

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The State / Urban and Rural and Size of Place / Inside and Outside SMSA's / SCSA's / SMSA's / Urbanized Areas / Places of 2,500 or More / Counties	Occupied housing units: Total	Percent with— Year structure built: 1970 to March 1980	Year structure built: 1939 or earlier	5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bathrooms	3 or more bedrooms	Householder moved into unit 1979 to March 1980	1 or more vehicles available	Median selected monthly owner costs (dollars), specified owner occupied: With a mortgage	Not mortgaged	Median gross rent (dollars), specified renter occupied
The State	**177 164**	**23.6**	**47.2**	**9.0**	**59.4**	**47.8**	**75.0**	**10.2**	**96.5**	**58.4**	**21.4**	**89.8**	**335**	**164**	**224**
URBAN AND RURAL AND SIZE OF PLACE															
Urban	**62 101**	**15.4**	**52.0**	**18.6**	**97.4**	**91.3**	**85.7**	**14.4**	**97.5**	**49.6**	**25.6**	**83.2**	**362**	**183**	**225**
Inside urbanized areas	25 716	21.8	36.4	20.7	98.3	87.0	85.4	16.3	97.9	49.5	28.4	85.7	383	182	254
Central cities	12 944	10.4	52.9	24.2	100.0	98.5	84.8	14.2	96.9	42.7	31.4	79.2	355	181	243
Urban fringe	12 772	33.3	19.8	17.2	96.6	75.3	86.0	18.5	98.9	56.4	25.5	92.2	398	183	276
Outside urbanized areas	36 385	11.0	63.0	17.0	96.8	94.3	86.0	13.1	97.3	49.7	23.6	81.4	343	184	210
Places of 10,000 or more	6 921	9.9	62.0	15.0	99.8	99.1	89.8	14.5	98.0	52.5	23.0	83.0	369	192	223
Places of 2,500 to 10,000	29 464	11.2	63.3	17.5	96.1	93.2	85.0	12.7	97.1	49.0	23.7	81.0	337	182	206
Rural	**115 063**	**27.9**	**44.6**	**3.9**	**38.8**	**24.3**	**69.3**	**7.9**	**96.0**	**63.1**	**19.2**	**93.3**	**323**	**154**	**223**
Places of 1,000 to 2,500	16 831	12.2	65.7	8.7	94.4	77.8	79.8	9.4	97.2	59.6	21.4	85.8	320	166	207
Other rural	98 232	30.6	41.0	3.1	29.3	15.1	67.4	7.7	95.8	63.7	18.8	94.6	324	151	230
Farm	5 100	12.1	74.5	–	9.5	1.1	63.2	5.1	96.2	84.8	8.7	98.8	350	152	210
INSIDE AND OUTSIDE SMSA's															
Inside SMSA's	**37 546**	**28.1**	**32.7**	**15.0**	**81.3**	**64.3**	**81.4**	**14.7**	**98.0**	**55.1**	**25.9**	**89.2**	**378**	**179**	**259**
Urban	25 716	21.8	36.4	20.7	98.3	87.0	85.4	16.3	97.9	49.5	28.4	85.7	383	182	254
Central cities	12 944	10.4	52.9	24.2	100.0	98.5	84.8	14.2	96.9	42.7	31.4	79.2	355	181	243
Not in central cities	12 772	33.3	19.8	17.2	96.6	75.3	86.0	18.5	98.9	56.4	25.5	92.2	398	183	276
Rural	11 830	42.0	24.5	2.7	44.3	15.1	72.7	11.3	98.2	67.4	20.4	96.9	369	171	289
Outside SMSA's	**139 618**	**22.3**	**51.1**	**7.4**	**53.5**	**43.3**	**73.3**	**9.0**	**96.1**	**59.2**	**20.2**	**89.9**	**322**	**161**	**214**
Urban	36 385	11.0	63.0	17.0	96.8	94.3	86.0	13.1	97.3	49.7	23.6	81.4	343	184	210
Rural	103 233	26.3	46.9	4.1	38.2	25.4	68.9	7.5	95.7	62.6	19.1	92.9	316	153	218
SMSA's															
Burlington, Vt.	37 546	28.1	32.7	15.0	81.3	64.3	81.4	14.7	98.0	55.1	25.9	89.2	378	179	259
Urban	25 716	21.8	36.4	20.7	98.3	87.0	85.4	16.3	97.9	49.5	28.4	85.7	383	182	254
Rural	11 830	42.0	24.5	2.7	44.3	15.1	72.7	11.3	98.2	67.4	20.4	96.9	369	171	289
URBANIZED AREAS															
Burlington, Vt.	25 716	21.8	36.4	20.7	98.3	87.0	85.4	16.3	97.9	49.5	28.4	85.7	383	182	254
PLACES OF 2,500 OR MORE															
Barre city	3 974	9.4	69.0	19.9	99.0	99.4	84.3	11.0	97.1	45.8	23.3	80.6	325	170	193
Bellows Falls village	1 359	5.7	77.5	16.9	99.6	98.9	85.3	14.5	96.8	49.4	24.9	73.4	317	184	215
Bennington (CDP)	3 444	11.1	62.7	10.9	96.4	91.1	88.3	15.3	95.3	53.5	21.1	81.6	...	...	...
Brattleboro (CDP)	3 246	4.7	75.0	21.6	95.3	93.6	84.4	20.6	97.2	45.4	25.4	78.2	357	201	219
Burlington city	12 944	10.4	52.9	24.2	100.0	98.5	84.8	14.2	96.9	42.7	31.4	79.2	355	181	243
Essex Junction village	2 448	26.9	23.9	16.6	99.6	96.3	87.9	17.9	98.7	56.0	24.7	93.5	361	166	270
Middlebury (CDP)	1 432	23.5	49.3	18.6	92.1	81.1	78.6	10.6	97.4	53.1	27.9	83.6	383	203	234
Montpelier city	3 254	10.9	61.7	20.7	95.8	96.1	91.4	8.3	97.4	49.9	24.2	82.5	349	205	202
Newport city	1 797	12.1	68.6	13.1	98.2	91.1	82.6	5.6	98.1	55.9	27.0	81.2	300	164	184
Rutland city	6 921	9.9	62.0	15.0	99.8	99.1	89.8	14.5	98.0	52.5	23.0	83.0	369	192	223
St. Albans city	2 786	11.4	68.9	17.0	99.9	99.5	83.8	13.2	97.2	45.1	24.8	78.5	...	...	211
St. Johnsbury (CDP)	2 874	...	...	...	...	...	...	...	...	...	...	...	...	...	191
South Burlington city	3 778	31.1	9.2	20.1	95.4	92.1	90.0	21.8	99.4	56.4	27.8	95.5	391	192	336
Springfield (CDP)	2 227	...	...	...	...	...	...	...	...	...	...	...	...	...	198
Swanton village	908	18.4	54.7	4.6	100.0	96.5	87.9	22.7	99.6	56.6	13.9	83.5	278	155	235
West Brattleboro (CDP)	1 153	...	...	...	...	...	...	...	...	...	...	...	...	...	217
White River Junction (CDP)	1 010	14.4	49.2	18.2	100.0	97.6	87.0	14.1	95.7	42.9	33.7	86.8	...	...	218
Winooski city	2 313	15.0	52.4	19.1	100.0	99.0	77.2	17.9	97.5	44.5	23.3	76.5	...	...	235
COUNTIES															
Addison	9 334	28.0	47.0	4.8	48.2	24.1	68.9	9.2	96.0	63.2	21.2	91.7	318	163	225
Bennington	11 910	20.0	47.9	6.1	57.8	41.8	80.1	12.0	96.2	58.9	19.1	90.2	360	166	229
Caledonia	9 197	21.8	59.2	9.9	56.7	44.2	69.7	5.6	95.8	59.2	20.0	87.9	296	147	189
Chittenden	38 085	28.6	32.7	14.9	80.0	63.7	80.7	14.5	97.8	55.0	26.0	89.3	379	180	259
Essex	2 175	20.0	56.4	2.5	47.5	35.3	72.0	3.4	93.1	63.2	16.8	90.3	...	...	...
Franklin	11 441	23.6	54.5	5.9	56.6	44.1	74.1	11.0	96.6	62.1	17.9	88.8	314	156	214
Grand Isle	1 598	27.2	44.9	0.5	35.9	10.3	65.7	5.9	95.7	64.8	16.6	94.3	301	143	236
Lamoille	5 882	30.3	44.5	8.8	43.6	29.5	70.9	5.7	96.8	61.1	25.2	90.2	...	...	...
Orange	7 728	26.6	50.7	3.9	32.6	20.7	65.0	5.3	93.9	60.6	19.6	92.5	306	148	209
Orleans	8 084	22.0	56.4	5.8	53.3	40.6	71.1	4.5	96.5	63.4	20.5	89.7	270	146	188
Rutland	20 491	19.6	53.2	7.5	62.9	56.5	79.0	12.2	97.2	60.2	19.9	90.0	342	167	224
Washington	18 504	21.4	51.6	10.4	64.6	58.0	75.3	7.3	96.5	57.0	20.7	88.8	319	171	204
Windham	13 756	19.2	51.3	10.1	44.9	44.1	71.9	12.1	95.6	54.5	21.4	88.0	331	164	222
Windsor	18 979	21.3	46.7	7.4	50.7	42.9	72.5	9.0	96.1	56.7	20.1	91.3	335	165	224

Table 55a. **Summary of Detailed Housing Characteristics of Housing Units With a White Householder for Towns/Townships: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Towns/Townships of 2,500 or More	Occupied housing units															
		Percent with—											Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied
		Year structure built														
	Total	1970 to March 1980	1939 or earlier	5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bathrooms	3 or more bedrooms	Householder moved into unit 1979 to March 1980	1 or more vehicles available	With a mortgage	Not mortgaged	
Barre town	2 250	...	...	...	...	...	...	...	...	...	...	...	317	172	...
Barton town	1 087	14.3	70.4	7.9	74.0	65.6	77.4	7.7	96.9	63.8	20.8	84.5	256	152	178
Bennington town	5 435	18.1	52.7	10.5	82.9	76.1	86.5	14.6	96.2	56.6	21.2	85.5	374	177	226
Brandon town	1 388	19.5	58.6	6.2	77.2	55.8	70.9	11.4	96.2	58.2	20.2	88.8	335	154	206
Brattleboro town	4 550	12.4	60.3	21.2	88.1	86.7	84.1	19.8	97.8	45.7	23.1	80.7	367	202	219
Bristol town	1 092	29.6	46.7	4.6	65.6	8.2	70.2	6.4	96.6	55.5	24.9	85.3	319	165	...
Castleton town	1 083	37.6	35.7	9.1	31.1	46.3	78.3	15.7	98.2	56.9	24.0	95.6	376	180	231
Charlotte town	816	35.9	39.2	0.2	4.8	0.5	64.8	8.2	96.8	69.7	21.7	98.3	399	163	...
Chester town	1 003	...	...	...	...	...	...	...	...	...	...	...	...	...	220
Colchester town	3 803	45.4	13.8	9.8	81.3	22.0	81.1	14.3	98.3	55.3	25.8	97.1	368	170	289
Derby town	1 489	24.6	40.1	8.1	61.5	36.3	76.6	5.2	99.6	56.1	19.9	94.5	284	144	195
Essex town	4 606	38.2	18.7	15.7	86.5	61.1	85.1	16.0	98.4	60.7	23.8	95.3	388	174	287
Fair Haven town	956	10.8	61.4	4.9	89.9	77.5	83.8	13.2	97.7	63.6	20.4	90.9	303	166	228
Georgia town	835	47.7	25.4	–	19.6	0.8	68.6	11.3	98.0	76.3	18.1	97.0	354	159	305
Hardwick town	922	...	...	...	...	...	...	...	...	...	...	...	276	152	...
Hartford town	2 936	27.4	43.5	13.1	72.6	68.5	81.1	12.2	96.0	52.8	25.4	90.9	368	177	237
Hinesburg town	892	...	...	...	...	...	...	...	...	...	...	...	360	168	...
Jericho town	1 016	48.1	26.9	–	49.4	1.1	75.0	9.3	99.1	84.2	15.1	99.1	405	192	306
Johnson town	811	33.3	48.0	19.4	61.0	52.5	72.9	5.4	94.0	55.9	36.4	87.7	301	150	209
Lyndon town	1 635	29.7	50.3	9.1	75.4	55.0	73.7	5.0	97.7	58.7	22.1	88.0	309	148	192
Manchester town	1 237	17.9	46.9	5.4	63.2	37.3	79.5	9.7	96.7	61.3	18.8	93.2	...	...	...
Middlebury town	2 129	23.0	45.4	12.5	85.0	57.1	76.7	10.3	96.5	56.6	26.2	87.6	374	194	232
Milton town	2 077	...	...	...	...	...	...	...	...	...	...	...	343	144	...
Morristown town	1 615	20.6	47.6	11.3	64.6	50.8	76.5	6.4	98.5	55.4	22.8	85.1	...	...	...
Northfield town	1 481	20.3	55.6	5.5	71.9	51.0	74.9	7.8	95.3	62.1	22.3	89.1	323	161	198
Pittsford town	956	19.4	53.6	5.4	64.1	29.5	76.8	10.5	96.8	58.8	21.5	94.6	312	158	227
Poultney town	1 031	17.6	65.0	4.8	50.2	49.5	82.8	12.7	95.1	61.7	11.1	87.2	326	169	...
Pownal town	1 132	25.9	36.7	2.4	27.4	6.4	73.7	11.7	97.5	52.4	19.7	95.8	318	147	223
Randolph town	1 479	...	...	...	...	...	...	...	...	...	...	...	...	...	206
Richmond town	1 020	43.7	28.7	4.0	43.4	29.2	69.3	10.4	98.3	61.1	23.3	97.8	...	...	...
Rockingham town	2 072	...	...	...	...	...	...	...	...	...	...	...	...	...	217
Rutland town	1 087	37.5	21.8	2.0	40.2	15.1	77.3	19.2	100.0	76.2	16.6	95.7	376	138	224
St. Albans town	1 072	...	...	...	...	...	...	...	...	...	...	...	...	...	255
St. Johnsbury town	3 129	...	...	...	...	...	...	...	...	...	...	...	...	...	191
Shaftsbury town	1 059	...	...	...	...	...	...	...	...	...	...	...	355	168	...
Shelburne town	1 613	32.6	15.3	2.2	80.5	70.4	79.6	21.2	99.1	73.7	17.6	95.9	481	210	324
Springfield town	3 823	11.7	42.0	10.7	74.3	64.1	82.9	12.4	98.0	55.9	17.3	88.3	313	167	207
Stowe town	1 187	...	...	...	...	...	...	...	...	...	...	...	...	...	246
Swanton town	1 701	31.3	40.2	3.1	66.9	59.1	84.0	17.9	98.9	60.0	15.9	89.2	290	154	...
Waterbury town	1 492	29.7	47.4	7.8	67.0	44.0	69.2	9.6	97.5	53.9	21.4	88.1	...	...	213
Weathersfield town	914	32.4	24.7	1.0	14.4	1.5	63.7	9.7	96.3	54.2	20.7	95.8	343	142	231
Williston town	1 180	31.9	25.7	2.2	52.8	6.4	76.7	13.8	99.5	75.6	17.5	98.7	415	198	320
Windsor town	1 475	7.7	62.6	14.4	84.9	79.4	80.1	8.3	96.8	48.7	17.4	86.6	305	189	201
Woodstock town	1 261	18.5	57.9	4.0	51.1	50.1	74.0	10.0	97.1	59.6	18.9	90.2	371	180	261

Table 56. Summary of Detailed Housing Characteristics of Housing Units With a Black Householder: 1980

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The State / Urban and Rural and Size of Place / Inside and Outside SMSA's / SCSA's / SMSA's / Urbanized Areas / Places of 2,500 or More / Counties	Occupied housing units: Total	Percent with— Year structure built: 1970 to March 1980	Year structure built: 1939 or earlier	5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bathrooms	3 or more bedrooms	Householder moved into unit 1979 to March 1980	1 or more vehicles available	Median selected monthly owner costs (dollars), specified owner occupied: With a mortgage	Not mortgaged	Median gross rent (dollars), specified renter occupied
The State	**330**	**27.9**	**39.4**	**22.4**	**73.0**	**66.1**	**78.2**	**15.8**	**96.1**	**47.3**	**38.5**	**87.3**	**583**	**167**	**217**
URBAN AND RURAL AND SIZE OF PLACE															
Urban	**169**	**24.9**	**43.2**	**36.1**	**100.0**	**95.9**	**81.7**	**20.1**	**95.9**	**33.1**	**39.6**	**84.0**	**625**	**172**	**213**
Inside urbanized areas	94	20.2	42.6	36.2	100.0	92.6	80.9	28.7	92.6	33.0	45.7	77.7	633	–	204
Central cities	69	17.4	49.3	40.6	100.0	100.0	84.1	20.3	89.9	17.4	53.6	69.6	775	–	217
Urban fringe	25	28.0	24.0	24.0	100.0	72.0	72.0	52.0	100.0	76.0	24.0	100.0	625	–	...
Outside urbanized areas	75	30.7	44.0	36.0	100.0	100.0	82.7	9.3	100.0	33.3	32.0	92.0	475	172	221
Places of 10,000 or more	18	27.8	–	27.8	100.0	100.0	100.0	–	100.0	33.3	–	100.0	...	...	139
Places of 2,500 to 10,000	57	31.6	57.9	38.6	100.0	100.0	77.2	12.3	100.0	33.3	42.1	89.5	475	163	225
Rural	**161**	**31.1**	**35.4**	**8.1**	**44.7**	**34.8**	**74.5**	**11.2**	**96.3**	**62.1**	**37.3**	**90.7**	**529**	**142**	**223**
Places of 1,000 to 2,500	48	14.6	50.0	18.8	100.0	91.7	91.7	8.3	93.8	58.3	45.8	87.5	521	–	213
Other rural	113	38.1	29.2	3.5	21.2	10.6	67.3	12.4	97.3	63.7	33.6	92.0	536	142	234
Farm	2	...	...	...	...	...	...	...	...	...	...	...	...	...	–
INSIDE AND OUTSIDE SMSA's															
Inside SMSA's	**128**	**33.6**	**32.8**	**26.6**	**88.3**	**72.7**	**84.4**	**27.3**	**94.5**	**44.5**	**43.8**	**83.6**	**647**	–	**208**
Urban	94	20.2	42.6	36.2	100.0	92.6	80.9	28.7	92.6	33.0	45.7	77.7	633	–	204
Central cities	69	17.4	49.3	40.6	100.0	100.0	84.1	20.3	89.9	17.4	53.6	69.6	775	–	217
Not in central cities	25	28.0	24.0	24.0	100.0	72.0	72.0	52.0	100.0	76.0	24.0	100.0	625	–	...
Rural	34	70.6	5.9	–	55.9	17.6	94.1	23.5	100.0	76.5	38.2	100.0	725	–	...
Outside SMSA's	**202**	**24.3**	**43.6**	**19.8**	**63.4**	**61.9**	**74.3**	**8.4**	**97.0**	**49.0**	**35.1**	**89.6**	**496**	**167**	**221**
Urban	75	30.7	44.0	36.0	100.0	100.0	82.7	9.3	100.0	33.3	32.0	92.0	475	172	221
Rural	127	20.5	43.3	10.2	41.7	39.4	69.3	7.9	95.3	58.3	37.0	88.2	508	142	220
SMSA's															
Burlington, Vt.	128	33.6	32.8	26.6	88.3	72.7	84.4	27.3	94.5	44.5	43.8	83.6	647	–	208
Urban	94	20.2	42.6	36.2	100.0	92.6	80.9	28.7	92.6	33.0	45.7	77.7	633	–	204
Rural	34	70.6	5.9	–	55.9	17.6	94.1	23.5	100.0	76.5	38.2	100.0	725	–	...
URBANIZED AREAS															
Burlington, Vt.	94	20.2	42.6	36.2	100.0	92.6	80.9	28.7	92.6	33.0	45.7	77.7	633	–	204
PLACES OF 2,500 OR MORE															
Barre city	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Bellows Falls village	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Bennington (CDP)	6	...	...	...	...	...	...	...	...	...	...	...	–	–	...
Brattleboro (CDP)	6	...	...	...	...	...	...	...	...	...	...	...	–	–	...
Burlington city	69	17.4	49.3	40.6	100.0	100.0	84.1	20.3	89.9	17.4	53.6	69.6	775	–	217
Essex Junction village	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Middlebury (CDP)	6	...	...	...	...	...	...	...	...	...	...	...	–	–	...
Montpelier city	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Newport city	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Rutland city	18	27.8	–	27.8	100.0	100.0	100.0	–	100.0	33.3	–	100.0	...	...	139
St. Albans city	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...
St. Johnsbury (CDP)	8	...	...	...	...	...	...	...	...	...	...	...	...	...	–
South Burlington city	12	–	–	50.0	100.0	100.0	100.0	50.0	100.0	50.0	50.0	100.0	...	...	...
Springfield (CDP)	6	...	...	...	...	...	...	...	...	...	...	...	...	...	–
Swanton village	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
West Brattleboro (CDP)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
White River Junction (CDP)	5	...	...	...	...	...	...	...	...	...	...	...	–	–	...
Winooski city	6	...	...	...	...	...	...	...	...	...	...	...	...	...	–
COUNTIES															
Addison	17	17.6	82.4	47.1	52.9	47.1	76.5	–	100.0	5.9	29.4	70.6	...	...	...
Bennington	34	32.4	20.6	–	70.6	67.6	79.4	17.6	88.2	64.7	76.5	97.1	496	–	...
Caledonia	12	–	75.0	–	91.7	91.7	83.3	–	100.0	75.0	16.7	83.3	475	163	...
Chittenden	130	33.1	32.3	26.2	86.9	71.5	84.6	26.9	94.6	43.8	43.1	83.8	647	–	208
Essex	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Franklin	22	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Grand Isle	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lamoille	9	...	...	...	...	...	...	...	...	...	...	...	...	...	–
Orange	4	...	...	...	...	...	...	...	...	...	...	...	...	...	–
Orleans	1	...	...	...	...	...	...	...	...	...	...	...	...	...	–
Rutland	26	26.9	23.1	19.2	76.9	76.9	92.3	–	100.0	53.8	–	100.0	288	400+	165
Washington	19	10.5	52.6	10.5	68.4	68.4	89.5	10.5	100.0	21.1	52.6	73.7	–	–	...
Windham	25	8.0	76.0	32.0	32.0	32.0	36.0	8.0	100.0	36.0	48.0	68.0	...	...	215
Windsor	31	41.9	25.8	38.7	61.3	58.1	100.0	–	100.0	93.5	9.7	100.0	525	–	118

Table 56a. **Summary of Detailed Housing Characteristics of Housing Units With a Black Householder for Towns/Townships: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Towns/Townships of 2,500 or More	Occupied housing units														Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied
		Percent with—															
		Year structure built															
	Total	1970 to March 1980	1939 or earlier	5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bathrooms	3 or more bedrooms	Householder moved into unit 1979 to March 1980	1 or more vehicles available	With a mortgage	Not mortgaged	
Barre town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Barton town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Bennington town	16	37.5	25.0	–	62.5	56.3	62.5	37.5	81.3	43.8	100.0	93.8	...	...	233
Brandon town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Brattleboro town	6	...	...	...	...	...	...	...	...	...	...	...	–	–	...
Bristol town	5	...	...	...	...	...	...	...	...	...	...	...	–	–	–
Castleton town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Charlotte town	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chester town	7	...	...	...	...	...	...	...	...	...	...	...	...	...	–
Colchester town	13	100.0	–	–	53.8	46.2	46.2	100.0	100.0	53.8	–	100.0	625	–	–
Derby town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Essex town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Fair Haven town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Georgia town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hardwick town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hartford town	11	100.0	–	45.5	45.5	45.5	100.0	–	100.0	100.0	–	100.0	...	...	...
Hinesburg town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Jericho town	13	84.6	–	–	61.5	–	100.0	15.4	100.0	100.0	46.2	100.0	725	–	–
Johnson town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lyndon town	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Manchester town	14	35.7	14.3	–	100.0	100.0	100.0	–	100.0	85.7	50.0	100.0	...	...	...
Middlebury town	6	...	...	...	...	...	...	...	...	...	...	...	–	–	...
Milton town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Morristown town	2	...	...	...	...	...	...	...	...	...	...	...	...	...	–
Northfield town	6	...	...	...	...	...	...	...	...	...	...	...	–	–	...
Pittsford town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Poultney town	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pownal town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Randolph town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Richmond town	5	...	...	...	...	...	...	...	...	...	...	...	...	...	–
Rockingham town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Rutland town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Albans town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Johnsbury town	8	...	...	...	...	...	...	...	...	...	...	...	...	...	–
Shaftsbury town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shelburne town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Springfield town	6	...	...	...	...	...	...	...	...	...	...	...	...	...	–
Stowe town	7	...	...	...	...	...	...	...	...	...	...	...	...	...	–
Swanton town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Waterbury town	5	...	...	...	...	...	...	...	...	...	...	...	–	–	–
Weathersfield town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Williston town	6	...	...	...	...	...	...	...	...	...	...	...	...	...	–
Windsor town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Woodstock town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Table 57. **Summary of Detailed Housing Characteristics of Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The State Urban and Rural and Size of Place Inside and Outside SMSA's SCSA's SMSA's Urbanized Areas Places of 2,500 or More Counties	Occupied housing units												Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied
		Percent with—													
		Year structure built													
	Total	1970 to March 1980	1939 or earlier	5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bathrooms	3 or more bedrooms	Householder moved into unit 1979 to March 1980	1 or more vehicles available	With a mortgage	Not mortgaged	
The State	**331**	**18.1**	**57.4**	**9.7**	**53.5**	**49.2**	**57.4**	**12.7**	**90.6**	**42.0**	**39.3**	**81.6**	**300**	**94**	**254**
URBAN AND RURAL AND SIZE OF PLACE															
Urban	**118**	**8.5**	**72.0**	**17.8**	**100.0**	**100.0**	**65.3**	**16.1**	**93.2**	**31.4**	**55.9**	**74.6**	**280**	**188**	**254**
Inside urbanized areas	41	24.4	65.9	17.1	100.0	100.0	63.4	–	100.0	41.5	56.1	73.2	...	...	290
Central cities	37	...	...	...	...	...	...	...	...	...	...	...	...	...	300
Urban fringe	4	...	...	...	...	...	...	...	...	...	...	...	–	–	...
Outside urbanized areas	77	–	75.3	18.2	100.0	100.0	66.2	24.7	89.6	26.0	55.8	75.3	280	188	236
Places of 10,000 or more	6	...	...	...	...	...	...	...	...	...	...	...	–	–	...
Places of 2,500 to 10,000	71	–	81.7	19.7	100.0	100.0	71.8	26.8	88.7	28.2	52.1	73.2	280	188	230
Rural	**213**	**23.5**	**49.3**	**5.2**	**27.7**	**21.1**	**53.1**	**10.8**	**89.2**	**47.9**	**30.0**	**85.4**	**315**	**88**	**254**
Places of 1,000 to 2,500	18	–	55.6	33.3	100.0	83.3	88.9	–	100.0	–	77.8	55.6	...	...	219
Other rural	195	25.6	48.7	2.6	21.0	15.4	49.7	11.8	88.2	52.3	25.6	88.2	315	88	265
Farm	9	...	...	...	...	...	...	...	...	...	...	...	...	...	–
INSIDE AND OUTSIDE SMSA's															
Inside SMSA's	**54**	**18.5**	**59.3**	**13.0**	**94.4**	**75.9**	**66.7**	**13.0**	**94.4**	**31.5**	**48.1**	**79.6**	–	–	**285**
Urban	41	24.4	65.9	17.1	100.0	100.0	63.4	–	100.0	41.5	56.1	73.2	...	...	290
Central cities	37	...	...	...	...	...	...	...	...	...	...	...	...	...	300
Not in central cities	4	...	...	...	...	...	...	...	...	...	...	...	–	–	...
Rural	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Outside SMSA's	**277**	**18.1**	**57.0**	**9.0**	**45.5**	**44.0**	**55.6**	**12.6**	**89.9**	**44.0**	**37.5**	**81.9**	**300**	**94**	**242**
Urban	77	–	75.3	18.2	100.0	100.0	66.2	24.7	89.6	26.0	55.8	75.3	280	188	236
Rural	200	25.0	50.0	5.5	24.5	22.5	51.5	8.0	90.0	51.0	30.5	84.5	315	88	255
SMSA's															
Burlington, Vt.	54	18.5	59.3	13.0	94.4	75.9	66.7	13.0	94.4	31.5	48.1	79.6	–	–	285
Urban	41	24.4	65.9	17.1	100.0	100.0	63.4	–	100.0	41.5	56.1	73.2	...	...	290
Rural	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...
URBANIZED AREAS															
Burlington, Vt.	41	24.4	65.9	17.1	100.0	100.0	63.4	–	100.0	41.5	56.1	73.2	...	...	290
PLACES OF 2,500 OR MORE															
Barre city	7	...	...	...	...	...	...	...	...	...	...	...	–	–	...
Bellows Falls village	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Bennington (CDP)	5	...	...	...	...	...	...	...	...	...	...	...	...	...	–
Brattleboro (CDP)	3	...	...	...	...	...	...	...	...	...	...	...	...	...	300
Burlington city	37	...	...	...	...	...	...	...	...	...	...	...	...	...	–
Essex Junction village	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Middlebury (CDP)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Montpelier city	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Newport city	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Rutland city	6	...	...	...	...	...	...	...	...	...	...	...	–	–	...
St. Albans city	25	–	72.0	28.0	100.0	100.0	100.0	28.0	100.0	–	72.0	76.0	–	–	198
St. Johnsbury (CDP)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
South Burlington city	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Springfield (CDP)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Swanton village	24	–	75.0	–	100.0	100.0	45.8	–	66.7	20.8	–	45.8	170	188	–
West Brattleboro (CDP)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
White River Junction (CDP)	7	...	...	...	...	...	...	...	...	...	...	...	...	...	–
Winooski city	4	...	...	...	...	...	...	...	...	...	...	...	–	–	...
COUNTIES															
Addison	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bennington	7	...	...	...	...	...	...	...	...	...	...	...	...	...	–
Caledonia	12	66.7	33.3	16.7	16.7	16.7	83.3	–	100.0	–	33.3	83.3	...	...	...
Chittenden	54	18.5	59.3	13.0	94.4	75.9	66.7	13.0	94.4	31.5	48.1	79.6	–	–	285
Essex	1	...	...	...	...	...	...	...	...	...	...	...	...	...	–
Franklin	118	20.3	59.3	8.5	63.6	54.2	64.4	16.9	88.1	39.0	32.2	68.6	...	...	232
Grand Isle	3	...	...	...	...	...	...	...	...	...	...	...	...	...	–
Lamoille	6	...	...	...	...	...	...	...	...	...	...	...	–	–	...
Orange	12	33.3	–	–	16.7	16.7	33.3	–	100.0	66.7	16.7	100.0	475	125	...
Orleans	6	...	...	...	...	...	...	...	...	...	...	...	–	–	...
Rutland	35	–	65.7	5.7	34.3	34.3	34.3	–	91.4	37.1	40.0	94.3	...	...	256
Washington	36	16.7	47.2	25.0	44.4	50.0	36.1	19.4	88.9	30.6	47.2	94.4	...	...	257
Windham	12	–	83.3	–	25.0	66.7	58.3	–	100.0	66.7	–	100.0	500	–	...
Windsor	19	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Table 57a. **Summary of Detailed Housing Characteristics of Housing Units With an American Indian, Eskimo, or Aleut Householder for Towns/Townships: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Towns/Townships of 2,500 or More	Occupied housing units															
		Percent with—											Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied
		Year structure built														
	Total	1970 to March 1980	1939 or earlier	5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bathrooms	3 or more bedrooms	Householder moved into unit 1979 to March 1980	1 or more vehicles available	With a mortgage	Not mortgaged	
Barre town	6	...	...	...	...	...	...	...	...	...	...	...	–	–	...
Barton town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Bennington town	5	...	...	...	...	...	...	...	...	...	...	...	...	...	–
Brandon town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Brattleboro town	3	...	...	...	...	...	...	...	...	...	...	...	–	–	–
Bristol town	7	...	...	...	...	...	...	...	...	...	...	...	...	...	–
Castleton town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Charlotte town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Chester town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Colchester town	7	...	...	...	...	...	...	...	...	...	...	...	...	...	–
Derby town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Essex town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Fair Haven town	4	...	...	...	...	...	...	...	...	...	...	...	–	–	...
Georgia town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hardwick town	6	...	...	...	...	...	...	...	...	...	...	...	...	...	–
Hartford town	7	...	...	...	...	...	...	...	...	...	...	...	–	–	...
Hinesburg town	3	...	...	...	...	...	...	...	...	...	...	...	...	...	–
Jericho town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	...
Johnson town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lyndon town	2	...	...	...	...	...	...	...	...	...	...	...	–	–	–
Manchester town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	...
Middlebury town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Milton town	3	...	...	...	...	...	...	...	...	...	...	...	–	–	–
Morristown town	2	...	...	...	...	...	...	...	...	...	...	...	–	–	...
Northfield town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	...
Pittsford town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Poultney town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Pownal town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Randolph town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Richmond town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Rockingham town	3	...	...	...	...	...	...	...	...	...	...	...	...	...	–
Rutland town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Albans town	5	...	...	...	...	...	...	...	...	...	...	...	...	...	–
St. Johnsbury town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shaftsbury town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shelburne town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Springfield town	5	...	...	...	...	...	...	...	...	...	...	...	–	–	–
Stowe town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Swanton town	45	17.8	68.9	–	100.0	71.1	55.6	17.8	82.2	42.2	17.8	42.2	275	98	...
Waterbury town	2	...	...	...	...	...	...	...	...	...	...	...	–	–	...
Weathersfield town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Williston town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Windsor town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Woodstock town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Table 58. **Summary of Detailed Housing Characteristics of Housing Units With an Asian or Pacific Islander Householder: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The State / Urban and Rural and Size of Place / Inside and Outside SMSA's / SCSA's / SMSA's / Urbanized Areas / Places of 2,500 or More / Counties	Occupied housing units												Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied
		Percent with—													
		Year structure built													
	Total	1970 to March 1980	1939 or earlier	5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bathrooms	3 or more bedrooms	Householder moved into unit 1979 to March 1980	1 or more vehicles available	With a mortgage	Not mortgaged	
The State	**360**	**39.7**	**36.9**	**18.1**	**74.2**	**56.1**	**85.8**	**11.9**	**97.2**	**52.2**	**39.2**	**87.2**	**399**	**317**	**265**
URBAN AND RURAL AND SIZE OF PLACE															
Urban	**218**	**45.4**	**27.1**	**22.5**	**95.9**	**73.9**	**97.2**	**11.9**	**100.0**	**51.4**	**42.2**	**88.1**	**398**	**350**	**301**
Inside urbanized areas	162	54.9	20.4	25.9	96.9	67.3	96.3	13.6	100.0	56.2	45.7	92.0	399	350	320
Central cities	50	30.0	44.0	50.0	100.0	100.0	100.0	24.0	100.0	24.0	52.0	74.0	375	350	322
Urban fringe	112	66.1	9.8	15.2	95.5	52.7	94.6	8.9	100.0	70.5	42.9	100.0	417	–	317
Outside urbanized areas	56	17.9	46.4	12.5	92.9	92.9	100.0	7.1	100.0	37.5	32.1	76.8	394	–	240
Places of 10,000 or more	18	–	38.9	16.7	100.0	100.0	100.0	–	100.0	–	50.0	100.0	...	...	...
Places of 2,500 to 10,000	38	26.3	50.0	10.5	89.5	89.5	100.0	10.5	100.0	55.3	23.7	65.8	...	...	238
Rural	**142**	**31.0**	**52.1**	**11.3**	**40.8**	**28.9**	**68.3**	**12.0**	**93.0**	**53.5**	**34.5**	**85.9**	**425**	**212**	**223**
Places of 1,000 to 2,500	17	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other rural	125	35.2	45.6	12.8	32.8	19.2	64.0	7.2	92.0	49.6	37.6	89.6	458	263	236
Farm	5	...	...	...	...	...	...	...	...	...	...	...	...	...	–
INSIDE AND OUTSIDE SMSA's															
Inside SMSA's	**195**	**57.9**	**21.5**	**24.1**	**87.2**	**58.5**	**89.7**	**11.3**	**100.0**	**60.0**	**44.1**	**93.3**	**425**	**350**	**314**
Urban	162	54.9	20.4	25.9	96.9	67.3	96.3	13.6	100.0	56.2	45.7	92.0	399	350	320
Central cities	50	30.0	44.0	50.0	100.0	100.0	100.0	24.0	100.0	24.0	52.0	74.0	375	350	322
Not in central cities	112	66.1	9.8	15.2	95.5	52.7	94.6	8.9	100.0	70.5	42.9	100.0	417	–	317
Rural	33	72.7	27.3	15.2	39.4	15.2	57.6	–	100.0	78.8	36.4	100.0	583	–	...
Outside SMSA's	**165**	**18.2**	**55.2**	**10.9**	**58.8**	**53.3**	**81.2**	**12.7**	**93.9**	**43.0**	**33.3**	**80.0**	**383**	**212**	**238**
Urban	56	17.9	46.4	12.5	92.9	92.9	100.0	7.1	100.0	37.5	32.1	76.8	394	–	240
Rural	109	18.3	59.6	10.1	41.3	33.0	71.6	15.6	90.8	45.9	33.9	81.7	294	212	234
SMSA's															
Burlington, Vt.	195	57.9	21.5	24.1	87.2	58.5	89.7	11.3	100.0	60.0	44.1	93.3	425	350	314
Urban	162	54.9	20.4	25.9	96.9	67.3	96.3	13.6	100.0	56.2	45.7	92.0	399	350	320
Rural	33	72.7	27.3	15.2	39.4	15.2	57.6	–	100.0	78.8	36.4	100.0	583	–	...
URBANIZED AREAS															
Burlington, Vt.	162	54.9	20.4	25.9	96.9	67.3	96.3	13.6	100.0	56.2	45.7	92.0	399	350	320
PLACES OF 2,500 OR MORE															
Barre city	17	35.3	35.3	–	100.0	100.0	100.0	–	100.0	100.0	29.4	100.0	396	–	...
Bellows Falls village	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Bennington (CDP)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Brattleboro (CDP)	6	...	...	...	...	...	...	...	...	...	...	...	–	–	...
Burlington city	50	30.0	44.0	50.0	100.0	100.0	100.0	24.0	100.0	24.0	52.0	74.0	375	350	322
Essex Junction village	17	47.1	–	–	100.0	100.0	100.0	–	100.0	100.0	–	100.0	397	–	–
Middlebury (CDP)	7	...	...	...	...	...	...	...	...	...	...	...	–	–	...
Montpelier city	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Newport city	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Rutland city	18	–	38.9	16.7	100.0	100.0	100.0	–	100.0	–	50.0	100.0	...	...	...
St. Albans city	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Johnsbury (CDP)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
South Burlington city	18	100.0	–	–	72.2	38.9	66.7	27.8	100.0	100.0	38.9	100.0	...	...	–
Springfield (CDP)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Swanton village	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
West Brattleboro (CDP)	4	...	...	...	...	...	...	...	...	...	...	...	...	...	–
White River Junction (CDP)	4	...	...	...	...	...	...	...	...	...	...	...	–	–	...
Winooski city	7	...	...	...	...	...	...	...	...	...	...	...	–	–	...
COUNTIES															
Addison	14	50.0	50.0	–	50.0	50.0	85.7	21.4	85.7	28.6	14.3	50.0	...	...	...
Bennington	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Caledonia	2	...	...	...	...	...	...	...	...	...	...	...	...	...	–
Chittenden	195	59.0	20.5	24.1	86.2	58.5	90.8	11.3	100.0	59.0	45.1	93.3	425	350	314
Essex	4	...	...	...	...	...	...	...	...	...	...	...	–	–	...
Franklin	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Grand Isle	2	...	...	...	...	...	...	...	...	...	...	...	...	...	–
Lamoille	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Orange	10	20.0	80.0	10.0	40.0	10.0	40.0	–	80.0	50.0	40.0	90.0	...	...	...
Orleans	3	...	...	...	...	...	...	...	...	...	...	...	...	...	–
Rutland	39	20.5	46.2	15.4	82.1	82.1	87.2	25.6	84.6	28.2	30.8	82.1	367	400+	231
Washington	43	14.0	65.1	11.6	62.8	58.1	81.4	9.3	100.0	53.5	41.9	95.3	467	–	256
Windham	24	–	62.5	8.3	33.3	45.8	91.7	–	100.0	37.5	16.7	62.5	825	163	221
Windsor	21	19.0	57.1	19.0	57.1	42.9	90.5	19.0	100.0	57.1	42.9	85.7	...	...	417

Table 58a. **Summary of Detailed Housing Characteristics of Housing Units With an Asian or Pacific Islander Householder for Towns/Townships: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Towns/Townships of 2,500 or More	Occupied housing units												Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied
		Percent with—													
		Year structure built													
	Total	1970 to March 1980	1939 or earlier	5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bathrooms	3 or more bedrooms	Householder moved into unit 1979 to March 1980	1 or more vehicles available	With a mortgage	Not mortgaged	
Barre town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Barton town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Bennington town	1	...	...	...	...	...	...	...	...	...	...	...	...	...	–
Brandon town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Brattleboro town	10	–	60.0	–	60.0	60.0	100.0	–	100.0	40.0	–	40.0	...	...	...
Bristol town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Castleton town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Charlotte town	2	...	...	...	...	...	...	...	...	...	...	...	...	...	–
Chester town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Colchester town	28	21.4	39.3	60.7	100.0	100.0	100.0	–	100.0	–	100.0	100.0	...	...	273
Derby town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Essex town	57	84.2	–	–	80.7	29.8	91.2	8.8	100.0	91.2	–	100.0	...	...	...
Fair Haven town	5	...	...	...	...	...	...	...	...	...	...	...	–	–	...
Georgia town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hardwick town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hartford town	4	...	...	...	...	...	...	...	...	...	...	...	–	–	...
Hinesburg town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Jericho town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Johnson town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Lyndon town	2	...	...	...	...	...	...	...	...	...	...	...	...	...	–
Manchester town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Middlebury town	7	...	...	...	...	...	...	...	...	...	...	...	–	–	...
Milton town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Morristown town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Northfield town	8	...	...	...	...	...	...	...	...	...	...	...	–	–	...
Pittsford town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Poultney town	2	...	...	...	...	...	...	...	...	...	...	...	...	...	–
Pownal town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Randolph town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Richmond town	7	...	...	...	...	...	...	...	...	...	...	...	–	–	...
Rockingham town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Rutland town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Albans town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Johnsbury town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shaftsbury town	2	...	...	...	...	...	...	...	...	...	...	...	–	–	–
Shelburne town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	...
Springfield town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Stowe town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Swanton town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Waterbury town	3	...	...	...	...	...	...	...	...	...	...	...	–	–	...
Weathersfield town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Williston town	24	...	...	...	...	...	...	...	...	...	...	...	...	...	–
Windsor town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Woodstock town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Table 59. **Summary of Detailed Housing Characteristics of Housing Units With a Householder of Spanish Origin: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The State Urban and Rural and Size of Place Inside and Outside SMSA's SCSA's SMSA's Urbanized Areas Places of 2,500 or More Counties	Occupied housing units												Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied
		Percent with—													
		Year structure built													
	Total	1970 to March 1980	1939 or earlier	5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bathrooms	3 or more bedrooms	Householder moved into unit 1979 to March 1980	1 or more vehicles available	With a mortgage	Not mortgaged	
The State	**954**	**22.9**	**46.3**	**16.9**	**73.8**	**65.4**	**77.7**	**9.6**	**93.3**	**52.3**	**27.7**	**87.1**	**367**	**190**	**252**
URBAN AND RURAL AND SIZE OF PLACE															
Urban	**487**	**15.6**	**54.6**	**27.3**	**99.2**	**96.3**	**85.8**	**10.5**	**92.6**	**43.5**	**33.1**	**84.6**	**378**	**186**	**250**
Inside urbanized areas	194	30.4	40.7	50.5	97.9	97.9	80.9	3.1	93.3	35.6	53.1	78.9	388	113	296
Central cities	71	8.5	49.3	21.1	100.0	100.0	53.5	8.5	93.0	50.7	59.2	87.3	475	–	282
Urban fringe	123	43.1	35.8	67.5	96.7	96.7	96.7	–	93.5	26.8	49.6	74.0	375	113	308
Outside urbanized areas	293	5.8	63.8	11.9	100.0	95.2	89.1	15.4	92.2	48.8	19.8	88.4	367	190	188
Places of 10,000 or more	38	26.3	42.1	–	100.0	100.0	86.8	55.3	100.0	39.5	–	100.0	375	225	223
Places of 2,500 to 10,000	255	2.7	67.1	13.7	100.0	94.5	89.4	9.4	91.0	50.2	22.7	86.7	361	184	186
Rural	**467**	**30.4**	**37.7**	**6.0**	**47.3**	**33.2**	**69.2**	**8.8**	**94.0**	**61.5**	**22.1**	**89.7**	**353**	**195**	**267**
Places of 1,000 to 2,500	80	5.0	52.5	5.0	100.0	85.0	80.0	12.5	100.0	61.3	18.8	87.5	325	185	225
Other rural	387	35.7	34.6	6.2	36.4	22.5	66.9	8.0	92.8	61.5	22.7	90.2	366	200	271
Farm	15	–	100.0	–	–	–	60.0	–	86.7	86.7	–	100.0	–	–	–
INSIDE AND OUTSIDE SMSA's															
Inside SMSA's	**250**	**28.4**	**33.6**	**39.2**	**92.8**	**78.0**	**82.4**	**3.2**	**94.8**	**42.8**	**45.6**	**83.6**	**422**	**113**	**302**
Urban	194	30.4	40.7	50.5	97.9	97.9	80.9	3.1	93.3	35.6	53.1	78.9	388	113	296
Central cities	71	8.5	49.3	21.1	100.0	100.0	53.5	8.5	93.0	50.7	59.2	87.3	475	–	282
Not in central cities	123	43.1	35.8	67.5	96.7	96.7	96.7	–	93.5	26.8	49.6	74.0	375	113	308
Rural	56	21.4	8.9	–	75.0	8.9	87.5	3.6	100.0	67.9	19.6	100.0	439	–	...
Outside SMSA's	**704**	**20.9**	**50.9**	**8.9**	**67.0**	**60.9**	**76.0**	**11.9**	**92.8**	**55.7**	**21.3**	**88.4**	**348**	**192**	**209**
Urban	293	5.8	63.8	11.9	100.0	95.2	89.1	15.4	92.2	48.8	19.8	88.4	367	190	188
Rural	411	31.6	41.6	6.8	43.6	36.5	66.7	9.5	93.2	60.6	22.4	88.3	339	195	254
SMSA's															
Burlington, Vt.	250	28.4	33.6	39.2	92.8	78.0	82.4	3.2	94.8	42.8	45.6	83.6	422	113	302
Urban	194	30.4	40.7	50.5	97.9	97.9	80.9	3.1	93.3	35.6	53.1	78.9	388	113	296
Rural	56	21.4	8.9	–	75.0	8.9	87.5	3.6	100.0	67.9	19.6	100.0	439	–	...
URBANIZED AREAS															
Burlington, Vt.	194	30.4	40.7	50.5	97.9	97.9	80.9	3.1	93.3	35.6	53.1	78.9	388	113	296
PLACES OF 2,500 OR MORE															
Barre city	114	2.6	57.9	5.3	100.0	100.0	90.4	7.9	86.8	68.4	13.2	100.0	364	188	195
Bellows Falls village	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Bennington (CDP)	16	–	100.0	–	100.0	100.0	100.0	31.3	100.0	62.5	–	62.5	700	–	...
Brattleboro (CDP)	33	–	100.0	42.4	100.0	100.0	100.0	18.2	75.8	15.2	66.7	57.6	...	...	188
Burlington city	71	8.5	49.3	21.1	100.0	100.0	53.5	8.5	93.0	50.7	59.2	87.3	475	–	282
Essex Junction village	40	45.0	17.5	20.0	100.0	100.0	100.0	–	100.0	62.5	20.0	100.0	375	113	334
Middlebury (CDP)	5	...	...	...	...	...	...	...	...	...	...	...	–	–	...
Montpelier city	44	–	86.4	–	100.0	100.0	90.9	9.1	100.0	61.4	–	79.5	725	177	...
Newport city	10	–	30.0	–	100.0	30.0	30.0	–	100.0	30.0	–	100.0	...	...	...
Rutland city	38	26.3	42.1	–	100.0	100.0	86.8	55.3	100.0	39.5	–	100.0	375	225	223
St. Albans city	14	28.6	35.7	71.4	100.0	100.0	64.3	–	100.0	–	100.0	64.3	–	–	190
St. Johnsbury (CDP)	5	...	...	...	...	...	...	...	...	...	...	...	...	...	–
South Burlington city	17	100.0	–	100.0	100.0	100.0	100.0	–	100.0	–	35.3	64.7	–	–	423
Springfield (CDP)	7	...	...	...	...	...	...	...	...	...	...	...	–	–	...
Swanton village	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
West Brattleboro (CDP)	7	...	...	...	...	...	...	...	...	...	...	...	–	–	...
White River Junction (CDP)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Winooski city	11	–	36.4	63.6	100.0	100.0	63.6	–	100.0	36.4	–	100.0	–	–	255
COUNTIES															
Addison	43	23.3	44.2	14.0	37.2	34.9	76.7	4.7	79.1	41.9	7.0	74.4	250	140	221
Bennington	27	7.4	77.8	–	77.8	59.3	85.2	29.6	100.0	59.3	7.4	63.0	700	150	...
Caledonia	15	–	66.7	20.0	60.0	60.0	73.3	–	86.7	73.3	13.3	86.7	335	–	...
Chittenden	250	27.6	33.6	39.2	92.8	78.0	82.4	4.0	94.8	42.0	45.6	83.6	422	113	302
Essex	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Franklin	31	29.0	38.7	32.3	67.7	67.7	58.1	–	90.3	6.5	45.2	67.7	–	113	155
Grand Isle	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lamoille	29	17.2	34.5	24.1	62.1	48.3	62.1	3.4	100.0	72.4	6.9	62.1	–	188	...
Orange	44	59.1	22.7	–	20.5	4.5	38.6	–	100.0	56.8	15.9	95.5	425	–	...
Orleans	25	20.0	32.0	–	52.0	12.0	56.0	–	100.0	48.0	24.0	100.0	325	188	...
Rutland	78	33.3	39.7	12.8	85.9	83.3	89.7	39.7	100.0	48.7	30.8	98.7	367	217	420
Washington	259	16.2	54.4	4.2	85.3	84.9	88.0	10.8	94.2	71.0	8.1	94.6	357	195	191
Windham	78	21.8	61.5	20.5	53.8	48.7	82.1	10.3	79.5	37.2	61.5	76.9	250	221	202
Windsor	64	10.9	60.9	–	46.9	40.6	57.8	6.3	96.9	45.3	26.6	95.3	240	88	231

Table 59a. **Summary of Detailed Housing Characteristics of Housing Units With a Householder of Spanish Origin for Towns/Townships: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Towns/Townships of 2,500 or More	Occupied housing units															
		Percent with—											Median selected monthly owner costs (dollars), specified owner occupied		
		Year structure built														
	Total	1970 to March 1980	1939 or earlier	5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bathrooms	3 or more bedrooms	Householder moved into unit 1979 to March 1980	1 or more vehicles available	With a mortgage	Not mortgaged	Median gross rent (dollars), specified renter occupied
Barre town	38	65.8	–	–	81.6	100.0	100.0	15.8	100.0	100.0	–	100.0	375	225	–
Barton town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Bennington town	18	11.1	88.9	–	100.0	88.9	100.0	27.8	100.0	55.6	11.1	66.7	700	225	...
Brandon town	7	...	...	...	...	...	...	...	...	...	...	...	...	...	–
Brattleboro town	47	14.9	70.2	29.8	85.1	70.2	100.0	12.8	83.0	25.5	76.6	70.2	225	225	186
Bristol town	15	26.7	53.3	6.7	40.0	33.3	73.3	–	73.3	13.3	6.7	26.7	~~1000+~~	138	...
Castleton town	10	100.0	–	100.0	100.0	100.0	100.0	100.0	100.0	–	100.0	100.0	–	–	450
Charlotte town	2	...	...	...	...	...	...	...	...	...	...	...	...	...	–
Chester town	8	...	...	...	...	...	...	...	...	...	...	...	...	...	–
Colchester town	55	14.5	60.0	74.5	100.0	74.5	100.0	–	85.5	3.6	74.5	52.7	525	–	271
Derby town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Essex town	48	45.8	14.6	25.0	91.7	91.7	100.0	–	100.0	60.4	16.7	100.0	375	113	331
Fair Haven town	4	...	...	...	...	...	...	...	...	...	...	...	–	–	...
Georgia town	2	...	...	...	...	...	...	...	...	...	...	...	...	...	–
Hardwick town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hartford town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hinesburg town	6	...	...	...	...	...	...	...	...	...	...	...	...	...	–
Jericho town	8	...	...	...	...	...	...	...	...	...	...	...	...	...	–
Johnson town	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lyndon town	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Manchester town	1	...	...	...	...	...	...	...	...	...	...	...	–	–	...
Middlebury town	5	...	...	...	...	...	...	...	...	...	...	...	–	–	...
Milton town	10	20.0	–	–	50.0	–	50.0	20.0	100.0	70.0	30.0	100.0	...	...	...
Morristown town	11	45.5	–	–	54.5	54.5	36.4	–	100.0	63.6	18.2	100.0	...	...	...
Northfield town	18	–	100.0	–	61.1	61.1	88.9	22.2	100.0	72.2	11.1	83.3	–	138	...
Pittsford town	2	...	...	...	...	...	...	...	...	...	...	...	...	...	–
Poultney town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Pownal town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Randolph town	14	57.1	–	–	–	–	42.9	–	100.0	57.1	–	100.0	444	–	–
Richmond town	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rockingham town	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rutland town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
St. Albans town	5	...	...	...	...	...	...	...	...	...	...	...	...	...	–
St. Johnsbury town	5	...	...	...	...	...	...	...	...	...	...	...	...	...	–
Shaftsbury town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Shelburne town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Springfield town	16	–	56.3	–	43.8	43.8	43.8	–	100.0	56.3	–	100.0	...	...	178
Stowe town	13	–	53.8	53.8	53.8	53.8	100.0	–	100.0	100.0	–	46.2	–	188	–
Swanton town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Waterbury town	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Weathersfield town	6	...	...	...	...	...	...	...	...	...	...	...	...	...	–
Williston town	12	50.0	–	50.0	100.0	50.0	100.0	–	100.0	50.0	50.0	100.0	...	...	...
Windsor town	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Woodstock town	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Table 60. **Structural Characteristics: 1980**

[Data are estimates based on a sample; see introduction. For meaning of symbols, see introduction. For definitions of terms, see appendixes A and B]

The State Urban and Rural and Size of Place Inside and Outside SMSA's	The State	Urban						Rural				
			Inside urbanized areas			Outside urbanized areas						
		Total	Total	Central cities	Urban fringe	Places of 10,000 or more	Places of 2,500 to 10,000	Total	Places of 1,000 to 2,500	Rural farm	Inside SMSA's	Outside SMSA's
YEAR STRUCTURE BUILT												
Year-round housing units	**196 459**	**65 789**	**27 064**	**13 706**	**13 358**	**7 341**	**31 384**	**130 670**	**18 315**	**5 116**	**39 474**	**156 985**
1979 to March 1980	6 027	1 460	1 006	154	852	95	359	4 567	425	65	1 635	4 392
1975 to 1978	17 657	3 781	2 494	525	1 969	136	1 151	13 876	672	245	4 542	13 115
1970 to 1974	24 251	5 023	2 541	800	1 741	562	1 920	19 228	1 171	310	5 119	19 132
1960 to 1969	28 605	7 896	4 613	1 595	3 018	595	2 688	20 709	1 735	277	7 631	20 974
1950 to 1959	15 709	7 125	3 980	1 882	2 098	716	2 429	8 584	1 101	197	4 575	11 134
1940 to 1949	12 018	5 858	2 463	1 447	1 016	711	2 684	6 160	1 060	212	2 966	9 052
1939 or earlier	92 192	34 646	9 967	7 303	2 664	4 526	20 153	57 546	12 151	3 810	13 006	79 186
Owner-occupied housing units	**122 560**	**34 263**	**14 619**	**5 692**	**8 927**	**3 805**	**15 839**	**88 297**	**10 820**	**4 361**	**24 233**	**98 327**
1979 to March 1980	3 604	616	438	36	402	24	154	2 988	163	58	882	2 722
1975 to 1978	12 322	2 148	1 393	180	1 213	88	667	10 174	436	230	3 089	9 233
1970 to 1974	16 927	2 748	1 571	368	1 203	245	932	14 179	909	250	3 802	13 125
1960 to 1969	20 603	5 595	3 217	763	2 454	439	1 939	15 008	1 399	226	5 601	15 002
1950 to 1959	10 956	5 142	2 989	1 280	1 709	474	1 679	5 814	757	165	3 403	7 553
1940 to 1949	6 876	2 927	1 217	569	648	354	1 356	3 949	628	169	1 585	5 291
1939 or earlier	51 272	15 087	3 794	2 496	1 298	2 181	9 112	36 185	6 528	3 263	5 871	45 401
Renter-occupied housing units	**55 765**	**28 434**	**11 454**	**7 415**	**4 039**	**3 168**	**13 812**	**27 331**	**6 102**	**755**	**13 754**	**42 011**
1979 to March 1980	1 139	630	438	59	379	18	174	509	166	7	536	603
1975 to 1978	3 192	1 487	1 000	312	688	35	452	1 705	193	15	1 267	1 925
1970 to 1974	4 899	2 144	905	429	476	290	949	2 755	194	60	1 192	3 707
1960 to 1969	5 700	2 174	1 325	786	539	152	697	3 526	266	51	1 863	3 837
1950 to 1959	3 635	1 875	922	573	349	242	711	1 760	308	32	1 079	2 556
1940 to 1949	4 318	2 656	1 169	827	342	312	1 175	1 662	384	43	1 288	3 030
1939 or earlier	32 882	17 468	5 695	4 429	1 266	2 119	9 654	15 414	4 591	547	6 529	26 353
BEDROOMS												
Year-round housing units	**196 459**	**65 789**	**27 064**	**13 706**	**13 358**	**7 341**	**31 384**	**130 670**	**18 315**	**5 116**	**39 474**	**156 985**
None	3 272	1 606	661	499	162	113	832	1 666	212	31	824	2 448
1	25 970	12 903	4 945	3 419	1 526	1 471	6 487	13 067	2 793	225	5 767	20 203
2	54 511	19 294	8 225	4 041	4 184	1 989	9 080	35 217	4 630	524	11 394	43 117
3	70 096	21 285	8 324	3 671	4 653	2 649	10 312	48 811	6 554	1 316	13 495	56 601
4	30 845	8 369	3 812	1 589	2 223	910	3 647	22 476	3 053	1 643	6 088	24 757
5 or more	11 765	2 332	1 097	487	610	209	1 026	9 433	1 073	1 377	1 906	9 859
Owner-occupied housing units	**122 560**	**34 263**	**14 619**	**5 692**	**8 927**	**3 805**	**15 839**	**88 297**	**10 820**	**4 361**	**24 233**	**98 327**
None	341	14	9	9	–	–	5	327	10	18	29	312
1	4 944	987	334	130	204	94	559	3 957	383	119	617	4 327
2	28 612	7 709	3 265	1 153	2 112	784	3 660	20 903	2 077	377	5 287	23 325
3	54 058	16 173	6 626	2 638	3 988	1 962	7 585	37 885	4 974	1 143	11 145	42 913
4	25 147	7 338	3 414	1 353	2 061	781	3 143	17 809	2 484	1 462	5 472	19 675
5 or more	9 458	2 042	971	409	562	184	887	7 416	892	1 242	1 683	7 775
Renter-occupied housing units	**55 765**	**28 434**	**11 454**	**7 415**	**4 039**	**3 168**	**13 812**	**27 331**	**6 102**	**755**	**13 754**	**42 011**
None	2 230	1 377	545	407	138	106	726	853	151	13	643	1 587
1	17 915	11 035	4 415	3 135	1 280	1 283	5 337	6 880	2 109	106	4 892	13 023
2	20 347	10 531	4 619	2 696	1 923	1 057	4 855	9 816	2 113	147	5 603	14 744
3	10 689	4 394	1 445	915	530	603	2 346	6 295	1 220	173	1 942	8 747
4	3 285	874	319	188	131	102	453	2 411	407	181	480	2 805
5 or more	1 299	223	111	74	37	17	95	1 076	102	135	194	1 105
STORIES IN STRUCTURE												
Year-round housing units	**196 459**	**65 789**	**27 064**	**13 706**	**13 358**	**7 341**	**31 384**	**130 670**	**18 315**	**5 116**	**39 474**	**156 985**
1 to 3	193 981	63 697	26 121	12 909	13 212	7 229	30 347	130 284	18 174	5 116	38 529	155 452
4 to 6	1 833	1 449	545	399	146	28	876	384	141	–	547	1 286
7 to 12	633	631	391	391	–	84	156	2	–	–	391	242
13 or more	12	12	7	7	–	–	5	–	–	–	7	5
PASSENGER ELEVATOR												
Year-round housing units	**196 459**	**65 789**	**27 064**	**13 706**	**13 358**	**7 341**	**31 384**	**130 670**	**18 315**	**5 116**	**39 474**	**156 985**
Structures with 4 or more stories	2 478	2 092	943	797	146	112	1 037	386	141	–	945	1 533
With elevator	1 532	1 412	641	508	133	84	687	120	47	–	641	891
UNITS IN STRUCTURE												
Year-round housing units	**196 459**	**65 789**	**27 064**	**13 706**	**13 358**	**7 341**	**31 384**	**130 670**	**18 315**	**5 116**	**39 474**	**156 985**
1, detached	126 096	31 126	13 309	5 267	8 042	3 393	14 424	94 970	10 574	4 341	22 318	103 778
1, attached	2 387	1 278	692	312	380	62	524	1 109	186	52	775	1 612
2	20 384	9 767	3 418	2 211	1 207	1 488	4 861	10 617	2 839	453	4 432	15 952
3 and 4	15 470	9 564	3 270	2 304	966	1 127	5 167	5 906	2 111	106	3 739	11 731
5 to 9	10 236	6 611	2 872	1 820	1 052	640	3 099	3 625	1 234	–	3 040	7 196
10 to 49	6 041	4 168	1 915	968	947	312	1 941	1 873	519	–	2 105	3 936
50 or more	2 179	1 870	1 067	704	363	167	636	309	15	–	1 067	1 112
Mobile home or trailer, etc	13 666	1 405	521	120	401	152	732	12 261	837	164	1 998	11 668
Owner-occupied housing units	**122 560**	**34 263**	**14 619**	**5 692**	**8 927**	**3 805**	**15 839**	**88 297**	**10 820**	**4 361**	**24 233**	**98 327**
1, detached	101 063	27 614	12 035	4 700	7 335	2 969	12 610	73 449	8 888	3 858	19 959	81 104
1, attached	1 020	500	356	98	258	19	125	520	70	40	386	634
2	6 768	3 086	903	543	360	547	1 636	3 682	913	296	1 257	5 511
3 and 4	2 107	1 141	351	181	170	113	677	966	307	61	440	1 667
5 or more	1 320	745	504	71	433	19	222	575	63	–	566	754
Mobile home or trailer, etc	10 282	1 177	470	99	371	138	569	9 105	579	106	1 625	8 657
Renter-occupied housing units	**55 765**	**28 434**	**11 454**	**7 415**	**4 039**	**3 168**	**13 812**	**27 331**	**6 102**	**755**	**13 754**	**42 011**
1, detached	13 622	2 747	1 091	490	601	305	1 351	10 875	1 172	483	1 897	11 725
1, attached	1 034	651	271	203	68	23	357	383	90	12	322	712
2	11 685	6 059	2 339	1 546	793	850	2 870	5 626	1 640	157	2 909	8 776
3 and 4	12 147	7 869	2 782	2 039	743	952	4 135	4 278	1 587	45	3 143	9 004
5 to 9	8 153	5 731	2 401	1 659	742	614	2 716	2 422	967	–	2 532	5 621
10 to 49	4 679	3 404	1 495	774	721	251	1 658	1 275	427	–	1 623	3 056
50 or more	2 085	1 816	1 042	689	353	159	615	269	15	–	1 042	1 043
Mobile home or trailer, etc	2 360	157	33	15	18	14	110	2 203	204	58	286	2 074
UNITS IN STRUCTURE BY GROSS RENT												
Specified renter-occupied housing units	**51 306**	**28 090**	**11 346**	**7 342**	**4 004**	**3 130**	**13 614**	**23 216**	**5 996**	**270**	**13 324**	**37 982**
1, mobile home or trailer, etc	12 557	3 211	1 287	635	652	304	1 620	9 346	1 360	68	2 075	10 482
Median gross rent	$256	$278	$325	$295	$348	$292	$252	$248	$247	$263	$312	$247
2 or more	38 749	24 879	10 059	6 707	3 352	2 826	11 994	13 870	4 636	202	11 249	27 500
Median gross rent	$219	$222	$249	$240	$272	$222	$202	$213	$201	$200	$253	$207

Table 61. **Equipment and Plumbing Facilities: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The State Urban and Rural and Size of Place Inside and Outside SMSA's	The State	Urban						Rural				
			Inside urbanized areas			Outside urbanized areas						
		Total	Total	Central cities	Urban fringe	Places of 10,000 or more	Places of 2,500 to 10,000	Total	Places of 1,000 to 2,500	Rural farm	Inside SMSA's	Outside SMSA's
Year-round housing units	**196 459**	**65 789**	**27 064**	**13 706**	**13 358**	**7 341**	**31 384**	**130 670**	**18 315**	**5 116**	**39 474**	**156 985**
Complete kitchen facilities	192 140	64 830	26 730	13 539	13 191	7 252	30 848	127 310	18 064	5 046	38 970	153 170
BATHROOMS												
No bathroom or only a half bath	8 201	1 762	595	435	160	160	1 007	6 439	566	197	867	7 334
1 complete bathroom	130 915	46 676	18 511	10 007	8 504	5 339	22 826	84 239	12 662	3 131	26 259	104 656
1 complete bathroom plus half bath(s)	27 755	9 477	4 002	1 772	2 230	1 084	4 391	18 278	2 821	795	6 010	21 745
2 or more complete bathrooms	29 588	7 874	3 956	1 492	2 464	758	3 160	21 714	2 266	993	6 338	23 250
SOURCE OF WATER												
Public system or private company	113 673	64 156	26 631	13 706	12 925	7 322	30 203	49 517	17 281	482	32 142	81 531
Individual drilled well	41 744	1 005	265	–	265	12	728	40 739	616	1 828	4 130	37 614
Individual dug well	16 636	254	105	–	105	–	149	16 382	147	735	1 651	14 985
Some other source	24 406	374	63	–	63	7	304	24 032	271	2 071	1 551	22 855
SEWAGE DISPOSAL												
Public sewer	91 707	60 140	23 579	13 505	10 074	7 260	29 301	31 567	14 373	58	25 481	66 226
Septic tank or cesspool	99 752	5 426	3 436	187	3 249	67	1 923	94 326	3 785	4 821	13 679	86 073
Other means	5 000	223	49	14	35	14	160	4 777	157	237	314	4 686
AIR CONDITIONING												
None	177 666	56 536	22 722	11 813	10 909	6 303	27 511	121 130	16 652	4 854	33 773	143 893
Central system	1 385	693	395	153	242	34	264	692	114	17	496	889
1 or more individual room units	17 408	8 560	3 947	1 740	2 207	1 004	3 609	8 848	1 549	245	5 205	12 203
HEATING EQUIPMENT												
Year-round housing units	**196 459**	**65 789**	**27 064**	**13 706**	**13 358**	**7 341**	**31 384**	**130 670**	**18 315**	**5 116**	**39 474**	**156 985**
Steam or hot water system	59 234	26 734	8 295	4 308	3 987	4 144	14 295	32 500	6 691	1 060	11 370	47 864
Central warm-air furnace	63 951	19 506	8 248	4 260	3 988	1 837	9 421	44 445	6 219	1 915	12 562	51 389
Electric heat pump	1 974	931	566	300	266	73	292	1 043	139	4	666	1 308
Other built-in electric units	18 594	8 374	5 615	2 455	3 160	450	2 309	10 220	1 377	104	7 055	11 539
Floor, wall, or pipeless furnace	3 026	798	347	244	103	82	369	2 228	259	150	447	2 579
Room heaters with flue	10 699	4 379	2 034	1 331	703	347	1 998	6 320	1 195	129	2 564	8 135
Room heaters without flue	2 774	1 302	733	454	279	78	491	1 472	321	36	852	1 922
Fireplaces, stoves, or portable room heaters	35 694	3 706	1 219	354	865	330	2 157	31 988	2 078	1 710	3 925	31 769
None	513	59	7	–	7	–	52	454	36	8	33	480
Owner-occupied housing units	**122 560**	**34 263**	**14 619**	**5 692**	**8 927**	**3 805**	**15 839**	**88 297**	**10 820**	**4 361**	**24 233**	**98 327**
Steam or hot water system	36 014	13 590	4 625	1 606	3 019	2 129	6 836	22 424	3 903	930	7 175	28 839
Central warm-air furnace	44 782	13 112	6 010	2 727	3 283	1 234	5 868	31 670	4 102	1 637	9 400	35 382
Electric heat pump	436	149	97	19	78	10	42	287	50	4	137	299
Other built-in electric units	7 912	2 830	2 076	716	1 360	122	632	5 082	528	91	2 991	4 921
Floor, wall, or pipeless furnace	1 673	281	125	72	53	25	131	1 392	101	131	184	1 489
Room heaters with flue	4 050	956	500	251	249	43	413	3 094	388	81	768	3 282
Room heaters without flue	965	313	182	47	135	21	110	652	80	31	249	716
Fireplaces, stoves, or portable room heaters	26 674	3 025	997	254	743	221	1 807	23 649	1 666	1 448	3 322	23 352
None	54	7	7	–	7	–	–	47	2	8	7	47
Renter-occupied housing units	**55 765**	**28 434**	**11 454**	**7 415**	**4 039**	**3 168**	**13 812**	**27 331**	**6 102**	**755**	**13 754**	**42 011**
Steam or hot water system	18 953	11 710	3 375	2 536	839	1 801	6 534	7 243	2 245	130	3 786	15 167
Central warm-air furnace	13 810	5 663	2 042	1 405	637	534	3 087	8 147	1 642	278	2 809	11 001
Electric heat pump	1 091	707	432	254	178	36	239	384	77	–	480	611
Other built-in electric units	8 078	5 218	3 289	1 617	1 672	316	1 613	2 860	733	13	3 740	4 338
Floor, wall, or pipeless furnace	1 043	489	207	157	50	57	225	554	143	19	246	797
Room heaters with flue	5 552	3 134	1 402	986	416	278	1 454	2 418	707	48	1 612	3 940
Room heaters without flue	1 546	900	491	360	131	57	352	646	203	5	539	1 007
Fireplaces, stoves, or portable room heaters	5 645	607	216	100	116	89	302	5 038	341	262	537	5 108
None	47	6	–	–	–	–	6	41	11	–	5	42
Occupied housing units	**178 325**	**62 697**	**26 073**	**13 107**	**12 966**	**6 973**	**29 651**	**115 628**	**16 922**	**5 116**	**37 987**	**140 338**
No telephone	12 033	4 204	1 098	685	413	454	2 652	7 829	1 440	149	1 617	10 416
VEHICLES AVAILABLE												
Total:												
None	18 291	10 541	3 743	2 734	1 009	1 174	5 624	7 750	2 410	63	4 106	14 185
1	75 282	29 881	11 815	6 190	5 625	3 630	14 436	45 401	7 816	1 285	16 055	59 227
2	59 842	17 262	8 056	3 282	4 774	1 669	7 537	42 580	4 916	2 060	12 887	46 955
3 or more	24 910	5 013	2 459	901	1 558	500	2 054	19 897	1 780	1 708	4 939	19 971
Automobiles:												
None	22 829	11 490	4 127	2 979	1 148	1 310	6 053	11 339	2 850	382	4 729	18 100
1	97 857	33 873	13 183	6 529	6 654	3 974	16 716	63 984	9 612	2 757	19 101	78 756
2	47 801	14 719	7 284	3 085	4 199	1 420	6 015	33 082	3 786	1 399	11 491	36 310
3 or more	9 838	2 615	1 479	514	965	269	867	7 223	674	578	2 666	7 172
Trucks or vans:												
None	129 224	53 863	22 634	11 783	10 851	6 051	25 178	75 361	12 932	1 753	30 694	98 530
1	45 212	8 406	3 262	1 261	2 001	910	4 234	36 806	3 748	2 785	6 859	38 353
2	3 436	391	164	56	108	12	215	3 045	212	505	387	3 049
3 or more	453	37	13	7	6	–	24	416	30	73	47	406
YEAR HOUSEHOLDER MOVED INTO UNIT												
Owner-occupied housing units	**122 560**	**34 263**	**14 619**	**5 692**	**8 927**	**3 805**	**15 839**	**88 297**	**10 820**	**4 361**	**24 233**	**98 327**
1979 to March 1980	13 200	3 320	1 656	461	1 195	326	1 338	9 880	860	227	2 880	10 320
1975 to 1978	32 697	8 189	3 990	1 177	2 813	789	3 410	24 508	2 416	605	7 444	25 253
1970 to 1974	23 317	5 184	2 310	885	1 425	494	2 380	18 133	1 912	630	4 506	18 811
1960 to 1969	24 306	7 605	3 275	1 397	1 878	804	3 526	16 701	2 377	829	4 879	19 427
1950 to 1959	13 409	5 116	2 118	1 041	1 077	620	2 378	8 293	1 390	660	2 645	10 764
1949 or earlier	15 631	4 849	1 270	731	539	772	2 807	10 782	1 865	1 410	1 879	13 752
Renter-occupied housing units	**55 765**	**28 434**	**11 454**	**7 415**	**4 039**	**3 168**	**13 812**	**27 331**	**6 102**	**755**	**13 754**	**42 011**
1979 to March 1980	25 254	12 832	5 821	3 685	2 136	1 281	5 730	12 422	2 778	220	7 044	18 210
1975 to 1978	17 409	8 669	3 469	2 208	1 261	910	4 290	8 740	1 836	215	4 142	13 267
1970 to 1974	5 845	3 188	1 039	740	299	451	1 698	2 657	664	95	1 210	4 635
1960 to 1969	3 798	2 055	678	474	204	325	1 052	1 743	421	62	825	2 973
1959 or earlier	3 459	1 690	447	308	139	201	1 042	1 769	403	163	533	2 926
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	**37 260**	**14 007**	**4 307**	**2 538**	**1 769**	**1 781**	**7 919**	**23 253**	**4 528**	**895**	**5 649**	**31 611**
Owner-occupied housing units	26 633	7 958	2 600	1 372	1 228	1 017	4 341	18 675	2 999	801	3 735	22 898
Lacking complete plumbing for exclusive use	1 205	235	63	42	21	24	148	970	105	42	111	1 094
No complete kitchen facilities	553	132	38	32	6	28	66	421	41	13	54	499
No vehicle available	9 715	5 065	1 535	1 031	504	595	2 935	4 650	1 422	51	1 728	7 987
No telephone	1 647	535	151	96	55	80	304	1 112	230	24	192	1 455
Lacking central heating system	6 471	1 338	540	299	241	113	685	5 133	607	363	814	5 657
Lacking air conditioning	33 338	11 979	3 580	2 219	1 361	1 563	6 836	21 359	4 107	859	4 797	28 541

Table 62. **Fuels and Financial Characteristics: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The State Urban and Rural and Size of Place Inside and Outside SMSA's	The State	Urban						Rural				
			Inside urbanized areas			Outside urbanized areas						
			Total	Central cities	Urban fringe	Places of 10,000 or more	Places of 2,500 to 10,000	Total	Places of 1,000 to 2,500	Rural farm	Inside SMSA's	Outside SMSA's
Occupied housing units	**178 325**	**62 697**	**26 073**	**13 107**	**12 966**	**6 973**	**29 651**	**115 628**	**16 922**	**5 116**	**37 987**	**140 338**
HOUSE HEATING FUEL												
Utility gas	10 709	9 947	7 199	4 637	2 562	234	2 514	762	66	18	7 528	3 181
Bottled, tank, or LP gas	8 820	1 803	580	229	351	149	1 074	7 017	1 149	215	1 094	7 726
Electricity	17 922	9 064	5 991	2 664	3 327	505	2 568	8 858	1 420	117	7 500	10 422
Fuel oil, kerosene, etc	108 706	38 212	11 096	5 238	5 858	5 796	21 320	70 494	12 221	3 034	18 035	90 671
Coal or coke	853	278	73	17	56	21	184	575	144	46	146	707
Wood	31 046	3 277	1 074	281	793	259	1 944	27 769	1 897	1 676	3 615	27 431
Other fuel	168	103	53	41	12	9	41	65	12	2	57	111
No fuel used	101	13	7	–	7	–	6	88	13	8	12	89
WATER HEATING FUEL												
Utility gas	10 912	9 887	6 295	4 092	2 203	505	3 087	1 025	134	27	6 645	4 267
Bottled, tank, or LP gas	22 320	3 104	664	241	423	281	2 159	19 216	2 452	784	1 692	20 628
Electricity	91 634	30 563	14 947	7 365	7 582	2 793	12 823	61 071	8 488	2 871	22 209	69 425
Fuel oil, kerosene, etc	47 942	18 675	4 031	1 335	2 696	3 355	11 289	29 267	5 541	999	7 002	40 940
Other	4 351	406	123	66	57	31	252	3 945	284	400	367	3 984
No fuel used	1 166	62	13	8	5	8	41	1 104	23	35	72	1 094
COOKING FUEL												
Utility gas	10 031	7 916	4 246	3 129	1 117	831	2 839	2 115	338	78	4 546	5 485
Bottled, tank, or LP gas	46 104	5 810	1 170	353	817	630	4 010	40 294	4 851	1 497	4 182	41 922
Electricity	118 835	48 468	20 527	9 566	10 961	5 438	22 503	70 367	11 531	3 231	29 023	89 812
Other	3 146	361	71	34	37	59	231	2 785	189	308	172	2 974
No fuel used	209	142	59	25	34	15	68	67	13	2	64	145
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units	**77 760**	**25 909**	**11 373**	**4 557**	**6 816**	**2 739**	**11 797**	**51 851**	**8 083**	**185**	**17 405**	**60 355**
With a mortgage	49 960	16 843	8 394	3 120	5 274	1 605	6 844	33 117	4 684	108	13 243	36 717
Less than $100	106	14	14	4	10	–	–	92	7	–	16	90
$100 to $149	595	58	23	18	5	–	35	537	72	–	45	550
$150 to $199	2 802	573	144	60	84	53	376	2 229	306	5	260	2 542
$200 to $249	6 748	1 860	706	316	390	121	1 033	4 888	668	18	1 124	5 624
$250 to $299	8 824	2 664	1 242	617	625	299	1 123	6 160	948	17	2 029	6 795
$300 to $349	8 208	2 584	1 206	502	704	228	1 150	5 624	857	14	1 978	6 230
$350 to $399	7 309	2 567	1 258	421	837	261	1 048	4 742	654	8	2 028	5 281
$400 to $449	5 256	2 056	1 084	340	744	246	726	3 200	477	6	1 725	3 531
$450 to $499	3 574	1 485	787	253	534	151	547	2 089	264	14	1 258	2 316
$500 to $599	3 625	1 615	937	264	673	190	488	2 010	297	9	1 359	2 266
$600 to $749	1 942	940	679	200	479	39	222	1 002	112	7	955	987
$750 or more	971	427	314	125	189	17	96	544	22	10	466	505
Median	$336	$363	$384	$355	$399	$369	$337	$324	$320	$350	$379	$322
Not mortgaged	27 800	9 066	2 979	1 437	1 542	1 134	4 953	18 734	3 399	77	4 162	23 638
Less than $50	282	13	6	–	6	–	7	269	13	1	28	254
$50 to $74	716	51	11	5	6	–	40	665	58	2	29	687
$75 to $99	1 733	147	33	15	18	24	90	1 586	152	9	120	1 613
$100 to $149	8 392	2 085	732	382	350	211	1 142	6 307	992	25	1 024	7 368
$150 to $199	9 304	3 400	1 079	489	590	392	1 929	5 904	1 311	25	1 466	7 838
$200 to $249	4 587	2 098	672	258	414	309	1 117	2 489	531	8	908	3 679
$250 or more	2 786	1 272	446	288	158	198	628	1 514	342	7	587	2 199
Median	$164	$183	$182	$182	$183	$193	$182	$154	$166	$152	$180	$161
GROSS RENT												
Specified renter-occupied housing units	**51 306**	**28 090**	**11 346**	**7 342**	**4 004**	**3 130**	**13 614**	**23 216**	**5 996**	**270**	**13 324**	**37 982**
Less than $50	242	147	35	35	–	27	85	95	36	–	35	207
$50 to $59	408	258	62	43	19	21	175	150	58	–	62	346
$60 to $79	1 438	1 064	331	209	122	95	638	374	159	2	339	1 099
$80 to $99	964	558	203	129	74	39	316	406	127	10	224	740
$100 to $119	1 346	801	129	97	32	98	574	545	189	–	138	1 208
$120 to $149	3 310	1 832	548	414	134	212	1 072	1 478	479	5	589	2 721
$150 to $169	3 414	1 789	609	480	129	169	1 011	1 625	560	20	649	2 765
$170 to $199	6 523	3 631	975	694	281	433	2 223	2 892	939	14	1 090	5 433
$200 to $249	12 045	6 779	2 423	1 750	673	893	3 463	5 266	1 578	23	2 783	9 262
$250 to $299	8 615	5 066	2 208	1 454	754	637	2 221	3 549	779	18	2 593	6 022
$300 to $349	4 661	2 580	1 440	807	633	259	881	2 081	407	20	1 826	2 835
$350 to $399	2 395	1 494	1 037	512	525	130	327	901	184	–	1 232	1 163
$400 to $499	1 628	952	754	404	350	63	135	676	80	1	879	749
$500 or more	756	408	338	195	143	4	66	348	54	3	415	341
No cash rent	3 561	731	254	119	135	50	427	2 830	367	154	470	3 091
Median	$224	$226	$255	$243	$277	$224	$207	$223	$207	$210	$259	$215
HOUSEHOLD INCOME IN 1979												
Occupied housing units	**178 325**	**62 697**	**26 073**	**13 107**	**12 966**	**6 973**	**29 651**	**115 628**	**16 922**	**5 116**	**37 987**	**140 338**
Median income	$14 785	$14 592	$16 691	$13 064	$20 229	$13 787	$13 237	$14 874	$13 279	$15 704	$17 543	$14 163
Owner-occupied housing units	122 560	34 263	14 619	5 692	8 927	3 805	15 839	88 297	10 820	4 361	24 233	98 327
Median income	$17 362	$20 335	$23 291	$22 286	$23 932	$19 063	$18 177	$16 403	$16 363	$16 512	$22 274	$16 392
Renter-occupied housing units	55 765	28 434	11 454	7 415	4 039	3 168	13 812	27 331	6 102	755	13 754	42 011
Median income	$9 768	$9 391	$10 022	$8 897	$12 446	$9 892	$8 836	$10 146	$8 989	$11 377	$10 484	$9 565
INCOME IN 1979 BELOW POVERTY LEVEL												
Owner-occupied housing units	**9 767**	**1 570**	**532**	**230**	**302**	**207**	**831**	**8 197**	**832**	**650**	**1 076**	**8 691**
Percent below poverty level	8.0	4.6	3.6	4.0	3.4	5.4	5.2	9.3	7.7	14.9	4.4	8.8
Complete plumbing for exclusive use	9 002	1 516	520	227	293	207	789	7 486	802	627	1 034	7 968
1.01 or more persons per room	377	6	6	6	–	–	–	371	22	24	18	359
Lacking complete plumbing for exclusive use	765	54	12	3	9	–	42	711	30	23	42	723
1.01 or more persons per room	87	–	–	–	–	–	–	87	3	6	–	87
Renter-occupied housing units	**13 027**	**6 735**	**2 825**	**2 047**	**778**	**627**	**3 283**	**6 292**	**1 600**	**182**	**3 306**	**9 721**
Percent below poverty level	23.4	23.7	24.7	27.6	19.3	19.8	23.8	23.0	26.2	24.1	24.0	23.1
Complete plumbing for exclusive use	12 270	6 450	2 719	1 979	740	601	3 130	5 820	1 542	166	3 171	9 099
1.01 or more persons per room	579	259	100	94	6	25	134	320	63	8	139	440
Lacking complete plumbing for exclusive use	757	285	106	68	38	26	153	472	58	16	135	622
1.01 or more persons per room	66	10	–	–	–	–	10	56	2	5	5	61

Table 63. Plumbing, Equipment, and Structural Characteristics of Housing Units With a White Householder: 1980

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The State Urban and Rural and Size of Place Inside and Outside SMSA's	The State	Urban						Rural				
			Inside urbanized areas			Outside urbanized areas						
		Total	Total	Central cities	Urban fringe	Places of 10,000 or more	Places of 2,500 to 10,000	Total	Places of 1,000 to 2,500	Rural farm	Inside SMSA's	Outside SMSA's
Occupied housing units	**177 164**	**62 101**	**25 716**	**12 944**	**12 772**	**6 921**	**29 464**	**115 063**	**16 831**	**5 100**	**37 546**	**139 618**
YEAR STRUCTURE BUILT												
1979 to March 1980	4 690	1 207	850	89	761	42	315	3 483	329	65	1 392	3 298
1975 to 1978	15 350	3 552	2 320	480	1 840	113	1 119	11 798	629	241	4 248	11 102
1970 to 1974	21 693	4 821	2 425	778	1 647	530	1 866	16 872	1 096	310	4 928	16 765
1960 to 1969	26 149	7 707	4 491	1 530	2 961	585	2 631	18 442	1 649	274	7 398	18 751
1950 to 1959	14 533	6 984	3 894	1 847	2 047	710	2 380	7 549	1 060	197	4 465	10 068
1940 to 1949	11 104	5 529	2 368	1 378	990	648	2 513	5 575	1 006	212	2 854	8 250
1939 or earlier	83 645	32 301	9 368	6 842	2 526	4 293	18 640	51 344	11 062	3 801	12 261	71 384
BEDROOMS												
None	2 537	1 378	541	409	132	106	731	1 159	158	31	657	1 880
1	22 658	11 895	4 661	3 205	1 456	1 366	5 868	10 763	2 480	225	5 418	17 240
2	48 581	18 024	7 787	3 801	3 986	1 816	8 421	30 557	4 162	517	10 770	37 811
3	64 399	20 391	7 952	3 505	4 447	2 555	9 884	44 008	6 176	1 314	12 935	51 464
4	28 293	8 157	3 699	1 541	2 158	877	3 581	20 136	2 867	1 636	5 901	22 392
5 or more	10 696	2 256	1 076	483	593	201	979	8 440	988	1 377	1 865	8 831
UNITS IN STRUCTURE												
1, detached	114 091	30 135	12 990	5 165	7 825	3 252	13 893	83 956	10 024	4 337	21 672	92 419
1, attached	2 016	1 118	600	279	321	42	476	898	160	52	681	1 335
2	18 324	9 070	3 209	2 063	1 146	1 391	4 470	9 254	2 536	446	4 125	14 199
3 and 4	14 129	8 923	3 094	2 190	904	1 049	4 780	5 206	1 877	101	3 541	10 588
5 to 9	8 913	6 140	2 657	1 677	980	624	2 859	2 773	1 011	–	2 815	6 098
10 to 49	5 022	3 581	1 638	788	850	252	1 691	1 441	431	–	1 796	3 226
50 or more	2 091	1 806	1 031	668	363	159	616	285	15	–	1 031	1 060
Mobile home or trailer, etc	12 578	1 328	497	114	383	152	679	11 250	777	164	1 885	10 693
UNITS IN STRUCTURE BY GROSS RENT												
Specified renter-occupied housing units	**50 761**	**27 743**	**11 138**	**7 218**	**3 920**	**3 100**	**13 505**	**23 018**	**5 935**	**270**	**13 104**	**37 657**
1, mobile home or trailer, etc	12 416	3 177	1 259	619	640	304	1 614	9 239	1 335	68	2 040	10 376
Median gross rent	$256	$278	$325	$294	$348	$292	$252	$248	$245	$263	$311	$247
2 or more	38 345	24 566	9 879	6 599	3 280	2 796	11 891	13 779	4 600	202	11 064	27 281
Median gross rent	$219	$222	$249	$240	$271	$222	$202	$214	$201	$200	$253	$207
BATHROOMS												
No bathroom or only a half bath	6 169	1 542	551	405	146	137	854	4 627	470	195	766	5 403
1 complete bathroom	118 691	43 818	17 510	9 385	8 125	5 023	21 285	74 873	11 579	3 117	24 934	93 757
1 complete bathroom plus half bath(s)	26 007	9 287	3 906	1 740	2 166	1 078	4 303	16 720	2 683	795	5 844	20 163
2 or more complete bathrooms	26 297	7 454	3 749	1 414	2 335	683	3 022	18 843	2 099	993	6 002	20 295
SOURCE OF WATER												
Public system or private company	105 189	60 517	25 288	12 944	12 344	6 910	28 319	44 672	15 888	482	30 534	74 655
Individual drilled well	35 768	967	260	–	260	4	703	34 801	555	1 823	3 945	31 823
Individual dug well	15 052	247	105	–	105	–	142	14 805	127	731	1 609	13 443
Some other source	21 155	370	63	–	63	7	300	20 785	261	2 064	1 458	19 697
HEATING EQUIPMENT												
Steam or hot water system	54 622	25 090	7 900	4 112	3 788	3 891	13 299	29 532	6 102	1 060	10 834	43 788
Central warm-air furnace	58 277	18 641	7 976	4 090	3 886	1 761	8 904	39 636	5 712	1 905	12 105	46 172
Electric heat pump	1 505	836	509	253	256	46	281	669	127	4	597	908
Other built-in electric units	15 815	7 907	5 243	2 288	2 955	438	2 226	7 908	1 254	104	6 599	9 216
Floor, wall, or pipeless furnace	2 700	762	332	229	103	82	348	1 938	244	150	430	2 270
Room heaters with flue	9 509	4 036	1 872	1 214	658	321	1 843	5 473	1 091	129	2 350	7 159
Room heaters without flue	2 493	1 199	673	407	266	78	448	1 294	283	36	788	1 705
Fireplaces, stoves, or portable room heaters	32 146	3 617	1 204	351	853	304	2 109	28 529	2 005	1 704	3 831	28 315
None	97	13	7	–	7	–	6	84	13	8	12	85
SELECTED CHARACTERISTICS												
No telephone	11 933	4 158	1 072	663	409	447	2 639	7 775	1 427	149	1 588	10 345
No complete kitchen facilities	2 745	705	277	139	138	74	354	2 040	177	70	390	2 355
Lacking air conditioning	159 085	53 149	21 521	11 109	10 412	5 914	25 714	105 936	15 251	4 838	32 009	127 076
Lacking public sewer	92 504	5 415	3 345	190	3 155	64	2 006	87 089	3 729	5 042	13 392	79 112
No vehicle available	18 128	10 444	3 684	2 693	991	1 174	5 586	7 684	2 389	63	4 047	14 081
YEAR HOUSEHOLDER MOVED INTO UNIT												
Owner-occupied housing units	**121 981**	**34 014**	**14 470**	**5 653**	**8 817**	**3 783**	**15 761**	**87 967**	**10 790**	**4 345**	**24 015**	**97 966**
1979 to March 1980	13 082	3 267	1 625	449	1 176	326	1 316	9 815	856	225	2 831	10 251
1975 to 1978	32 448	8 060	3 905	1 158	2 747	773	3 382	24 388	2 412	603	7 327	25 121
1970 to 1974	23 230	5 163	2 289	877	1 412	494	2 380	18 067	1 895	630	4 470	18 760
1960 to 1969	24 248	7 587	3 269	1 397	1 872	798	3 520	16 661	2 375	826	4 869	19 379
1950 to 1959	13 384	5 104	2 112	1 041	1 071	620	2 372	8 280	1 390	658	2 639	10 745
1949 or earlier	15 589	4 833	1 270	731	539	772	2 791	10 756	1 862	1 403	1 879	13 710
Renter-occupied housing units	**55 183**	**28 087**	**11 246**	**7 291**	**3 955**	**3 138**	**13 703**	**27 096**	**6 041**	**755**	**13 531**	**41 652**
1979 to March 1980	24 914	12 622	5 690	3 615	2 075	1 266	5 666	12 292	2 740	220	6 901	18 013
1975 to 1978	17 235	8 564	3 405	2 167	1 238	895	4 264	8 671	1 822	215	4 075	13 160
1970 to 1974	5 807	3 170	1 032	733	299	451	1 687	2 637	660	95	1 203	4 604
1960 to 1969	3 798	2 055	678	474	204	325	1 052	1 743	421	62	825	2 973
1959 or earlier	3 429	1 676	441	302	139	201	1 034	1 753	398	163	527	2 902
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	**37 149**	**13 964**	**4 294**	**2 525**	**1 769**	**1 772**	**7 898**	**23 185**	**4 512**	**888**	**5 634**	**31 515**
Owner-occupied housing units	26 576	7 944	2 600	1 372	1 228	1 011	4 333	18 632	2 994	794	3 733	22 843
Lacking complete plumbing for exclusive use	1 205	235	63	42	21	24	148	970	105	42	111	1 094
No complete kitchen facilities	551	132	38	32	6	28	66	419	41	13	54	497
No vehicle available	9 675	5 052	1 522	1 018	504	595	2 935	4 623	1 413	51	1 715	7 960
No telephone	1 645	535	151	96	55	80	304	1 110	230	24	192	1 453
Lacking central heating system	6 454	1 338	540	299	241	113	685	5 116	605	363	812	5 642
Lacking air conditioning	33 234	11 936	3 567	2 206	1 361	1 554	6 815	21 298	4 098	852	4 782	28 452

Table 64. **Plumbing, Equipment, and Structural Characteristics of Housing Units With a Black Householder: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The State Urban and Rural and Size of Place Inside and Outside SMSA's	The State	Urban						Rural				
			Inside urbanized areas			Outside urbanized areas						
		Total	Total	Central cities	Urban fringe	Places of 10,000 or more	Places of 2,500 to 10,000	Total	Places of 1,000 to 2,500	Rural farm	Inside SMSA's	Outside SMSA's
Occupied housing units	**330**	**169**	**94**	**69**	**25**	**18**	**57**	**161**	**48**	**2**	**128**	**202**
YEAR STRUCTURE BUILT												
1979 to March 1980	22	19	6	6	–	–	13	3	–	...	6	16
1975 to 1978	31	6	6	6	–	–	–	25	–	...	17	14
1970 to 1974	39	17	7	–	7	5	5	22	7	...	20	19
1960 to 1969	57	18	18	12	6	–	–	39	10	...	26	31
1950 to 1959	21	12	12	6	6	–	–	9	4	...	12	9
1940 to 1949	30	24	5	5	–	13	6	6	3	...	5	25
1939 or earlier	130	73	40	34	6	–	33	57	24	...	42	88
BEDROOMS												
None	22	13	13	7	6	–	–	9	3	...	15	7
1	67	57	31	31	–	7	19	10	3	...	31	36
2	85	43	19	19	–	5	19	42	14	...	25	60
3	107	44	25	12	13	–	19	63	11	...	49	58
4	36	12	6	–	6	6	–	24	15	...	8	28
5 or more	13	–	–	–	–	–	–	13	2	...	–	13
UNITS IN STRUCTURE												
1, detached	145	45	25	6	19	6	14	100	21	...	40	105
1, attached	12	12	12	12	–	–	–	–	–	...	12	–
2	42	19	12	12	–	–	7	23	11	...	20	22
3 and 4	42	32	11	11	–	7	14	10	7	...	11	31
5 to 9	44	33	16	16	–	–	17	11	7	...	16	28
10 to 49	24	22	12	6	6	5	5	2	2	...	12	12
50 or more	6	6	6	6	–	–	–	–	–	...	6	–
Mobile home or trailer, etc	15	–	–	–	–	–	–	15	–	...	11	4
UNITS IN STRUCTURE BY GROSS RENT												
Specified renter-occupied housing units	**164**	**108**	**58**	**52**	...	**12**	**38**	**56**	**30**	**–**	**60**	**104**
1, mobile home or trailer, etc	31	6	6	6	...	–	–	25	12	–	6	25
Median gross rent	$275	$225	$225	$225	...	–	–	$311	$414	–	$225	$311
2 or more	133	102	52	46	...	12	38	31	18	–	54	79
Median gross rent	$200	$207	$189	$205	...	$143	$225	$185	$175	–	$194	$203
BATHROOMS												
No bathroom or only a half bath	13	7	7	7	–	–	–	6	3	...	7	6
1 complete bathroom	205	139	75	56	19	12	52	66	21	...	88	117
1 complete bathroom plus half bath(s)	30	11	–	–	–	6	5	19	–	...	8	22
2 or more complete bathrooms	82	12	12	6	6	–	–	70	24	...	25	57
SOURCE OF WATER												
Public system or private company	241	169	94	69	25	18	57	72	48	...	113	128
Individual drilled well	55	–	–	–	–	–	–	55	–	...	7	48
Individual dug well	11	–	–	–	–	–	–	11	–	...	–	11
Some other source	23	–	–	–	–	–	–	23	–	...	8	15
HEATING EQUIPMENT												
Steam or hot water system	108	59	17	11	6	11	31	49	27	...	25	83
Central warm-air furnace	88	32	25	19	6	7	–	56	13	...	42	46
Electric heat pump	9	9	9	9	–	–	–	–	–	...	9	–
Other built-in electric units	43	30	25	19	6	–	5	13	4	...	32	11
Floor, wall, or pipeless furnace	10	8	–	–	–	–	8	2	–	...	–	10
Room heaters with flue	32	25	18	11	7	–	7	7	2	...	18	14
Room heaters without flue	6	6	–	–	–	–	6	–	–	...	–	6
Fireplaces, stoves, or portable room heaters	32	–	–	–	–	–	–	32	2	...	2	30
None	2	–	–	–	–	–	–	2	–	...	–	2
SELECTED CHARACTERISTICS												
No telephone	44	33	13	13	–	7	13	11	5	...	13	31
No complete kitchen facilities	16	13	13	7	6	–	–	3	–	...	13	3
Lacking air conditioning	278	135	67	55	12	18	50	143	44	...	93	185
Lacking public sewer	112	7	7	–	7	–	–	105	4	...	35	77
No vehicle available	42	27	21	21	–	–	6	15	6	...	21	21
YEAR HOUSEHOLDER MOVED INTO UNIT												
Owner-occupied housing units	**161**	**61**	**36**	**17**	**19**	**6**	**19**	**100**	**18**	...	**68**	**93**
1979 to March 1980	33	11	6	6	...	...	5	22	1	...	17	16
1975 to 1978	64	25	13	6	...	...	6	39	2	...	24	40
1970 to 1974	37	5	5	5	...	...	–	32	15	...	13	24
1960 to 1969	13	6	6	–	...	...	–	7	–	...	8	5
1950 to 1959	6	6	6	–	...	...	–	–	–	...	6	–
1949 or earlier	8	8	–	–	...	...	8	–	–	...	–	8
Renter-occupied housing units	**169**	**108**	**58**	**52**	**6**	**12**	**38**	**61**	**30**	...	**60**	**109**
1979 to March 1980	94	56	37	31	...	...	19	38	21	...	39	55
1975 to 1978	54	33	15	15	...	...	6	21	7	...	15	39
1970 to 1974	7	5	–	–	...	...	5	2	2	...	–	7
1960 to 1969	–	–	–	–	...	...	–	–	–	...	–	–
1959 or earlier	14	14	6	6	...	...	8	–	–	...	6	8
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	**42**	**27**	**6**	**6**	**–**	**–**	**21**	**15**	**2**	...	**6**	**36**
Owner-occupied housing units	17	8	–	–	–	–	8	9	–	...	–	17
Lacking complete plumbing for exclusive use	–	–	–	–	–	–	–	–	–	...	–	–
No complete kitchen facilities	2	–	–	–	–	–	–	2	–	...	–	2
No vehicle available	13	6	6	6	–	–	–	7	–	...	6	7
No telephone	2	–	–	–	–	–	–	2	–	...	–	2
Lacking central heating system	4	–	–	–	–	–	–	4	2	...	–	4
Lacking air conditioning	42	27	6	6	–	–	21	15	2	...	6	36

Table 65. **Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of Spanish Origin: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The State Urban and Rural and Size of Place Inside and Outside SMSA's	The State	Urban						Rural				
			Inside urbanized areas			Outside urbanized areas						
		Total	Total	Central cities	Urban fringe	Places of 10,000 or more	Places of 2,500 to 10,000	Total	Places of 1,000 to 2,500	Rural farm	Inside SMSA's	Outside SMSA's
Occupied housing units	**954**	**487**	**194**	**71**	**123**	**38**	**255**	**467**	**80**	**15**	**250**	**704**
YEAR STRUCTURE BUILT												
1979 to March 1980	11	8	8	–	8	–	–	3	–	–	8	3
1975 to 1978	106	65	51	6	45	10	4	41	–	–	61	45
1970 to 1974	101	3	–	–	–	–	3	98	4	–	2	99
1960 to 1969	157	51	13	–	13	12	26	106	26	–	47	110
1950 to 1959	97	63	25	19	6	–	38	34	6	–	30	67
1940 to 1949	40	31	18	11	7	–	13	9	2	–	18	22
1939 or earlier	442	266	79	35	44	16	171	176	42	15	84	358
BEDROOMS												
None	31	26	5	5	–	–	21	5	–	–	5	26
1	148	115	63	16	47	5	47	33	4	–	63	85
2	276	134	57	14	43	18	59	142	27	2	75	201
3	349	171	62	29	33	15	94	178	30	–	94	255
4	112	35	7	7	–	–	28	77	9	2	13	99
5 or more	38	6	–	–	–	–	6	32	10	11	–	38
UNITS IN STRUCTURE												
1, detached	522	203	43	24	19	16	144	319	50	13	73	449
1, attached	6	–	–	–	–	–	–	6	6	–	–	6
2	152	108	48	27	21	16	44	44	3	2	63	89
3 and 4	59	37	5	5	–	–	32	22	7	–	11	48
5 to 9	66	51	27	10	17	–	24	15	1	–	27	39
10 to 49	83	70	65	5	60	–	5	13	3	–	65	18
50 or more	12	12	6	–	6	–	6	–	–	–	6	6
Mobile home or trailer, etc	54	6	–	–	–	6	–	48	10	–	5	49
UNITS IN STRUCTURE BY GROSS RENT												
Specified renter-occupied housing units	**352**	**256**	**140**	**44**	**96**	**11**	**105**	**96**	**28**	–	**146**	**206**
1, mobile home or trailer, etc	75	28	12	12	–	–	16	47	17	–	15	60
Median gross rent	$290	$325	$414	$414	–	–	$193	$282	$308	–	$395	$258
2 or more	277	228	128	32	96	11	89	49	11	–	131	146
Median gross rent	$246	$245	$290	$237	$308	$246	$174	$249	$225	–	$292	$207
BATHROOMS												
No bathroom or only a half bath	64	36	13	5	8	–	23	28	–	2	13	51
1 complete bathroom	648	352	160	53	107	28	164	296	73	6	187	461
1 complete bathroom plus half bath(s)	117	63	16	8	8	–	47	54	2	7	35	82
2 or more complete bathrooms	125	36	5	5	–	10	21	89	5	–	15	110
SOURCE OF WATER												
Public system or private company	704	483	190	71	119	38	255	221	80	–	232	472
Individual drilled well	131	–	–	–	–	–	–	131	–	2	7	124
Individual dug well	50	4	4	–	4	–	–	46	–	–	11	39
Some other source	69	–	–	–	–	–	–	69	–	13	–	69
HEATING EQUIPMENT												
Steam or hot water system	293	195	19	8	11	27	149	98	20	9	32	261
Central warm-air furnace	254	119	58	30	28	6	55	135	37	–	76	178
Electric heat pump	13	7	–	–	–	–	7	6	–	–	–	13
Other built-in electric units	159	92	80	–	80	–	12	67	5	–	96	63
Floor, wall, or pipeless furnace	22	5	–	–	–	–	5	17	2	–	2	20
Room heaters with flue	69	36	31	27	4	–	5	33	6	4	31	38
Room heaters without flue	1	–	–	–	–	–	–	1	–	–	–	1
Fireplaces, stoves, or portable room heaters	143	33	6	6	–	5	22	110	10	2	13	130
None	–	–	–	–	–	–	–	–	–	–	–	–
SELECTED CHARACTERISTICS												
No telephone	46	23	–	–	–	–	23	23	1	–	–	46
No complete kitchen facilities	23	13	–	–	–	–	13	10	–	2	–	23
Lacking air conditioning	862	436	188	65	123	17	231	426	70	15	242	620
Lacking public sewer	330	18	4	–	4	–	14	312	12	15	55	275
No vehicle available	123	75	41	9	32	–	34	48	10	–	41	82
YEAR HOUSEHOLDER MOVED INTO UNIT												
Owner-occupied housing units	**590**	**231**	**54**	**27**	**27**	**27**	**150**	**359**	**52**	**15**	**104**	**486**
1979 to March 1980	54	13	13	5	8	–	–	41	4	–	21	33
1975 to 1978	211	78	32	19	13	10	36	133	9	2	57	154
1970 to 1974	90	13	3	3	–	5	5	77	14	2	3	87
1960 to 1969	124	64	–	–	–	12	52	60	21	–	17	107
1950 to 1959	52	25	6	–	6	–	19	27	2	9	6	46
1949 or earlier	59	38	–	–	–	–	38	21	2	2	–	59
Renter-occupied housing units	**364**	**256**	**140**	**44**	**96**	**11**	**105**	**108**	**28**	–	**146**	**218**
1979 to March 1980	210	148	90	37	53	–	58	62	11	–	93	117
1975 to 1978	115	78	43	–	43	11	24	37	15	–	46	69
1970 to 1974	25	18	7	7	–	–	11	7	2	–	7	18
1960 to 1969	11	9	–	–	–	–	9	2	–	–	–	11
1959 or earlier	3	3	–	–	–	–	3	–	–	–	–	3
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	**138**	**70**	–	–	–	**12**	**58**	**68**	**23**	–	–	**138**
Owner-occupied housing units	112	55	–	–	–	12	43	57	17	–	–	112
Lacking complete plumbing for exclusive use	5	–	–	–	–	–	–	5	–	–	–	5
No complete kitchen facilities	–	–	–	–	–	–	–	–	–	–	–	–
No vehicle available	36	15	–	–	–	–	15	21	2	–	–	36
No telephone	2	–	–	–	–	–	–	2	–	–	–	2
Lacking central heating system	22	–	–	–	–	–	–	22	–	–	–	22
Lacking air conditioning	124	61	–	–	–	6	55	63	20	–	–	124

Table 66. **Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of the Specified Race: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The State	American Indian	Eskimo	Aleut	Asian and Pacific Islander: Japanese	Chinese	Filipino	Korean	Asian Indian	Vietnamese	Hawaiian	Guamanian	Samoan	Other	Race, n.e.c.
Occupied housing units	**327**	–	**4**	**48**	**80**	**32**	**27**	**159**	**5**	–	–	–	**9**	**140**
YEAR STRUCTURE BUILT														
1979 to March 1980	7	–	...	–	2	7	2	13	...	–	–	–	...	–
1975 to 1978	25	–	...	2	33	–	6	27	...	–	–	–	...	38
1970 to 1974	28	–	...	3	3	–	17	26	...	–	–	–	...	17
1960 to 1969	36	–	...	–	11	18	2	11	...	–	–	–	...	19
1950 to 1959	20	–	...	–	2	–	–	6	...	–	–	–	...	–
1940 to 1949	21	–	...	7	–	–	–	20	...	–	–	–	...	10
1939 or earlier	190	–	...	36	29	7	–	56	...	–	–	–	...	56
BEDROOMS														
None	4	–	...	3	3	–	–	2	...	–	–	–	...	–
1	48	–	...	12	15	–	4	23	...	–	–	–	...	27
2	136	–	...	20	20	16	3	39	...	–	–	–	...	48
3	95	–	...	7	23	16	6	40	...	–	–	–	...	52
4	26	–	...	6	19	–	6	37	...	–	–	–	...	9
5 or more	18	–	...	–	–	–	8	18	...	–	–	–	...	4
UNITS IN STRUCTURE														
1, detached	172	–	...	29	52	22	14	86	...	–	–	–	...	70
1, attached	12	–	...	–	5	–	6	3	...	–	–	–	...	–
2	43	–	...	–	10	–	2	8	...	–	–	–	...	24
3 and 4	36	–	...	4	–	10	–	22	...	–	–	–	...	4
5 to 9	16	–	...	1	–	–	–	13	...	–	–	–	...	5
10 to 49	16	–	...	14	7	–	–	6	...	–	–	–	...	35
50 or more	–	–	...	–	–	–	4	15	...	–	–	–	...	–
Mobile home or trailer, etc	32	–	...	–	6	–	1	6	...	–	–	–	...	2
UNITS IN STRUCTURE BY GROSS RENT														
Specified renter-occupied housing units	**141**	–	...	**26**	**33**	**14**	**12**	**64**	...	–	–	–	...	**75**
1, mobile home or trailer, etc	47	–	...	9	19	7	6	9	...	–	–	–	...	9
Median gross rent	$303	–	...	$218	$334	$500+	$275	$215	...	–	–	–	...	$356
2 or more	94	–	...	17	14	7	6	55	...	–	–	–	...	66
Median gross rent	$226	–	...	$288	$225	$225	$325	$296	...	–	–	–	...	$277
BATHROOMS														
No bathroom or only a half bath	31	–	...	5	3	–	–	–	...	–	–	–	...	8
1 complete bathroom	265	–	...	32	40	25	7	81	...	–	–	–	...	87
1 complete bathroom plus half bath(s)	14	–	...	9	12	–	12	28	...	–	–	–	...	10
2 or more complete bathrooms	17	–	...	2	25	7	8	50	...	–	–	–	...	35
SOURCE OF WATER														
Public system or private company	177	–	...	27	51	29	18	130	...	–	–	–	...	110
Individual drilled well	76	–	...	8	21	3	8	19	...	–	–	–	...	18
Individual dug well	40	–	...	–	–	–	–	6	...	–	–	–	...	2
Some other source	34	–	...	13	8	–	1	4	...	–	–	–	...	10
HEATING EQUIPMENT														
Steam or hot water system	44	–	...	6	24	19	14	78	...	–	–	–	...	45
Central warm-air furnace	121	–	...	12	16	13	3	33	...	–	–	–	...	24
Electric heat pump	–	–	...	–	6	–	–	5	...	–	–	–	...	–
Other built-in electric units	17	–	...	13	12	–	10	33	...	–	–	–	...	47
Floor, wall, or pipeless furnace	6	–	...	–	–	–	–	–	...	–	–	–	...	–
Room heaters with flue	46	–	...	–	–	–	–	6	...	–	–	–	...	7
Room heaters without flue	12	–	...	–	–	–	–	–	...	–	–	–	...	–
Fireplaces, stoves, or portable room heaters	79	–	...	17	22	–	–	4	...	–	–	–	...	17
None	2	–	...	–	–	–	–	–	...	–	–	–	...	–
SELECTED CHARACTERISTICS														
No telephone	29	–	...	3	11	–	1	6	...	–	–	–	...	4
No complete kitchen facilities	10	–	...	3	–	–	–	–	...	–	–	–	...	2
Lacking air conditioning	285	–	...	45	61	31	23	143	...	–	–	–	...	124
Lacking public sewer	166	–	...	27	46	3	17	61	...	–	–	–	...	49
No vehicle available	61	–	...	1	7	6	–	30	...	–	–	–	...	14
YEAR HOUSEHOLDER MOVED INTO UNIT														
Owner-occupied housing units	**163**	–	...	**22**	**47**	**18**	**15**	**92**	...	–	–	–	...	**59**
1979 to March 1980	40	–	...	2	19	–	2	20	...	–	–	–	...	2
1975 to 1978	39	–	...	7	25	9	7	41	...	–	–	–	...	55
1970 to 1974	26	–	...	2	3	–	6	11	...	–	–	–	...	2
1960 to 1969	19	–	...	9	–	9	–	8	...	–	–	–	...	–
1950 to 1959	17	–	...	2	–	–	–	–	...	–	–	–	...	–
1949 or earlier	22	–	...	–	–	–	–	12	...	–	–	–	...	–
Renter-occupied housing units	**164**	–	...	**26**	**33**	**14**	**12**	**67**	...	–	–	–	...	**81**
1979 to March 1980	90	–	...	25	18	7	4	32	...	–	–	–	...	58
1975 to 1978	57	–	...	1	12	1	8	16	...	–	–	–	...	23
1970 to 1974	9	–	...	–	3	6	–	11	...	–	–	–	...	–
1960 to 1969	–	–	...	–	–	–	–	–	...	–	–	–	...	–
1959 or earlier	8	–	...	–	–	–	–	8	...	–	–	–	...	–
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER														
Occupied housing units	**21**	–	...	–	–	**6**	–	**42**	...	–	–	–	...	–
Owner-occupied housing units	14	–	...	–	–	6	–	20	...	–	–	–	...	–
Lacking complete plumbing for exclusive use	–	–	...	–	–	–	–	–	...	–	–	–	...	–
No complete kitchen facilities	–	–	...	–	–	–	–	–	...	–	–	–	...	–
No vehicle available	3	–	...	–	–	–	–	24	...	–	–	–	...	–
No telephone	–	–	...	–	–	–	–	–	...	–	–	–	...	–
Lacking central heating system	5	–	...	–	–	–	–	8	...	–	–	–	...	–
Lacking air conditioning	21	–	...	–	–	6	–	35	...	–	–	–	...	–

Table 67. **Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of Spanish Origin by Type and Race: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The State	Spanish origin										Not of Spanish origin				
		Type				Race									
	Total	Mexican	Puerto Rican	Cuban	Other Spanish	White	Black	American Indian, Eskimo, and Aleut	Asian and Pacific Islander	Race, n.e.c.	White	Black	American Indian, Eskimo, and Aleut	Asian and Pacific Islander	Race, n.e.c.
Occupied housing units	**954**	**142**	**87**	**65**	**660**	**822**	**19**	**4**	**16**	**93**	**176 342**	**311**	**327**	**344**	**47**
YEAR STRUCTURE BUILT															
1979 to March 1980	11	–	–	–	11	11	–	–	–	–	4 679	22	7	24	–
1975 to 1978	106	13	12	16	65	71	6	–	–	29	15 279	25	25	70	9
1970 to 1974	101	9	2	4	86	93	–	–	–	8	21 600	39	28	49	9
1960 to 1969	157	47	16	2	92	128	8	–	15	6	26 021	49	36	27	13
1950 to 1959	97	7	7	6	77	97	–	–	–	–	14 436	21	22	15	–
1940 to 1949	40	2	12	8	18	30	–	–	–	10	11 074	30	23	27	–
1939 or earlier	442	64	38	29	311	392	5	4	1	40	83 253	125	186	132	16
BEDROOMS															
None	31	14	13	4	–	31	–	–	–	–	2 506	22	4	8	–
1	148	39	8	6	95	126	–	–	–	22	22 532	67	48	59	5
2	276	46	44	23	163	228	7	–	7	34	48 353	78	140	98	14
3	349	27	7	27	288	300	12	–	9	28	64 099	95	95	85	24
4	112	12	15	3	82	103	–	4	–	5	28 190	36	22	68	4
5 or more	38	4	–	2	32	34	–	–	–	4	10 662	13	18	26	–
UNITS IN STRUCTURE															
1, detached	522	41	28	41	412	454	13	4	15	36	113 637	132	168	192	34
1, attached	6	–	–	3	3	6	–	–	–	–	2 010	12	12	14	–
2	152	45	8	11	88	129	6	–	–	17	18 195	36	43	20	7
3 and 4	59	11	8	–	40	58	–	–	1	–	14 071	42	38	40	4
5 to 9	66	12	20	4	30	61	–	–	–	5	8 852	44	16	19	–
10 to 49	83	5	19	–	59	48	–	–	–	35	4 974	24	16	27	–
50 or more	12	–	–	6	6	12	–	–	–	–	2 079	6	–	19	–
Mobile home or trailer, etc	54	28	4	–	22	54	–	–	–	–	12 524	15	34	13	2
UNITS IN STRUCTURE BY GROSS RENT															
Specified renter-occupied housing units	**352**	**67**	**64**	**25**	**196**	**289**	**2**	–	**1**	**60**	**50 472**	**162**	**145**	**160**	**15**
1, mobile home or trailer, etc	75	14	9	4	48	68	2	–	–	5	12 348	29	49	52	4
Median gross rent	$290	$308	$436	$325	$263	$283	$325	–	–	$292	$256	$258	$303	$292	$375
2 or more	277	53	55	21	148	221	–	–	1	55	38 124	133	96	108	11
Median gross rent	$246	$192	$262	$244	$265	$234	–	–	$225	$298	$219	$200	$224	$275	$219
BATHROOMS															
No bathroom or only a half bath	64	19	7	7	31	56	–	–	–	8	6 113	13	31	10	–
1 complete bathroom	648	110	67	45	426	560	5	4	16	63	118 131	200	263	181	24
1 complete bathroom plus half bath(s)	117	4	7	2	104	103	6	–	–	8	25 904	24	14	61	2
2 or more complete bathrooms	125	9	6	11	99	103	8	–	–	14	26 194	74	19	92	21
SOURCE OF WATER															
Public system or private company	704	96	73	43	492	599	12	4	16	73	104 590	229	173	251	37
Individual drilled well	131	23	12	13	83	113	5	–	–	13	35 655	50	76	59	5
Individual dug well	50	9	–	5	36	48	–	–	–	2	15 004	11	40	6	–
Some other source	69	14	2	4	49	62	2	–	–	5	21 093	21	38	28	5
HEATING EQUIPMENT															
Steam or hot water system	293	22	29	19	223	258	6	–	6	23	54 364	102	44	142	22
Central warm-air furnace	254	45	28	14	167	214	11	4	10	15	58 063	77	117	72	9
Electric heat pump	13	7	–	–	6	13	–	–	–	–	1 492	9	2	11	–
Other built-in electric units	159	9	16	10	124	119	2	–	–	38	15 696	41	17	68	9
Floor, wall, or pipeless furnace	22	14	–	–	8	22	–	–	–	–	2 678	10	6	–	–
Room heaters with flue	69	30	12	6	21	62	–	–	–	7	9 447	32	48	6	–
Room heaters without flue	1	1	–	–	–	1	–	–	–	–	2 492	6	12	–	–
Fireplaces, stoves, or portable room heaters	143	14	2	16	111	133	–	–	–	10	32 013	32	79	45	7
None	–	–	–	–	–	–	–	–	–	–	97	2	2	–	–
SELECTED CHARACTERISTICS															
No telephone	46	6	9	7	24	46	–	–	–	–	11 887	44	29	23	4
No complete kitchen facilities	23	14	–	7	2	23	–	–	–	–	2 722	16	10	5	2
Lacking air conditioning	862	127	83	59	593	743	17	4	15	83	158 342	261	285	302	41
Lacking public sewer	330	69	20	22	219	291	19	–	–	20	92 213	93	168	158	29
No vehicle available	123	43	–	10	70	104	5	–	–	14	18 024	37	61	46	–
YEAR HOUSEHOLDER MOVED INTO UNIT															
Owner-occupied housing units	**590**	**72**	**23**	**40**	**455**	**528**	**17**	–	**15**	**30**	**121 453**	**144**	**163**	**181**	**29**
1979 to March 1980	54	2	2	9	41	48	6	–	–	–	13 034	27	40	43	2
1975 to 1978	211	18	13	16	164	166	6	–	9	30	32 282	58	39	82	25
1970 to 1974	90	21	2	5	62	90	–	–	–	–	23 140	37	26	22	2
1960 to 1969	124	19	4	8	93	113	5	–	6	–	24 135	8	19	20	–
1950 to 1959	52	4	–	2	46	52	–	–	–	–	13 332	6	17	2	–
1949 or earlier	59	8	2	–	49	59	–	–	–	–	15 530	8	22	12	–
Renter-occupied housing units	**364**	**70**	**64**	**25**	**205**	**294**	**2**	**4**	**1**	**63**	**54 889**	**167**	**164**	**163**	**18**
1979 to March 1980	210	46	39	8	117	164	2	4	–	40	24 750	92	86	98	18
1975 to 1978	115	17	18	17	63	91	–	–	1	23	17 144	54	59	37	–
1970 to 1974	25	7	7	–	11	25	–	–	–	–	5 782	7	11	20	–
1960 to 1969	11	–	–	–	11	11	–	–	–	–	3 787	–	–	–	–
1959 or earlier	3	–	–	–	3	3	–	–	–	–	3 426	14	8	8	–
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER															
Occupied housing units	**138**	**50**	–	–	**88**	**127**	**5**	–	**6**	–	**37 022**	**37**	**21**	**42**	–
Owner-occupied housing units	112	35	–	–	77	101	5	–	6	–	26 475	12	14	20	–
Lacking complete plumbing for exclusive use	5	5	–	–	–	5	–	–	–	–	1 200	–	–	–	–
No complete kitchen facilities	–	–	–	–	–	–	–	–	–	–	551	2	–	–	–
No vehicle available	36	19	–	–	17	31	5	–	–	–	9 644	8	3	24	–
No telephone	2	2	–	–	–	2	–	–	–	–	1 643	2	–	–	–
Lacking central heating system	22	18	–	–	4	22	–	–	–	–	6 432	4	5	8	–
Lacking air conditioning	124	39	–	–	85	113	5	–	6	–	33 121	37	21	35	–

Table 68. **Fuels and Financial Characteristics of Housing Units With a White Householder: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The State Urban and Rural and Size of Place Inside and Outside SMSA's	The State	Urban						Rural				
			Inside urbanized areas			Outside urbanized areas						
		Total	Total	Central cities	Urban fringe	Places of 10,000 or more	Places of 2,500 to 10,000	Total	Places of 1,000 to 2,500	Rural farm	Inside SMSA's	Outside SMSA's
Occupied housing units	**177 164**	**62 101**	**25 716**	**12 944**	**12 772**	**6 921**	**29 464**	**115 063**	**16 831**	**5 100**	**37 546**	**139 618**
HOUSE HEATING FUEL												
Utility gas	10 596	9 836	7 134	4 594	2 540	228	2 474	760	66	18	7 463	3 133
Bottled, tank, or LP gas	8 766	1 783	566	222	344	149	1 068	6 983	1 144	215	1 080	7 686
Electricity	17 718	8 897	5 843	2 593	3 250	505	2 549	8 821	1 413	117	7 342	10 376
Fuel oil, kerosene, etc	108 075	37 923	10 975	5 199	5 776	5 750	21 198	70 152	12 142	3 024	17 859	90 216
Coal or coke	853	278	73	17	56	21	184	575	144	46	146	707
Wood	30 891	3 268	1 065	278	787	259	1 944	27 623	1 897	1 670	3 587	27 304
Other fuel	168	103	53	41	12	9	41	65	12	2	57	111
No fuel used	97	13	7	–	7	–	6	84	13	8	12	85
WATER HEATING FUEL												
Utility gas	10 819	9 796	6 236	4 056	2 180	505	3 055	1 023	134	27	6 586	4 233
Bottled, tank, or LP gas	22 203	3 076	650	234	416	281	2 145	19 127	2 438	779	1 678	20 525
Electricity	90 991	30 234	14 745	7 257	7 488	2 763	12 726	60 757	8 445	2 862	21 956	69 035
Fuel oil, kerosene, etc	47 665	18 533	3 955	1 329	2 626	3 333	11 245	29 132	5 507	999	6 896	40 769
Other	4 333	400	117	60	57	31	252	3 933	284	398	361	3 972
No fuel used	1 153	62	13	8	5	8	41	1 091	23	35	69	1 084
COOKING FUEL												
Utility gas	9 965	7 853	4 200	3 089	1 111	825	2 828	2 112	338	78	4 500	5 465
Bottled, tank, or LP gas	45 823	5 760	1 145	340	805	630	3 985	40 063	4 821	1 486	4 132	41 691
Electricity	118 047	47 988	20 244	9 459	10 785	5 392	22 352	70 059	11 470	3 228	28 688	89 359
Other	3 122	358	68	31	37	59	231	2 764	189	306	162	2 960
No fuel used	207	142	59	25	34	15	68	65	13	2	64	143
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units	**77 368**	**25 690**	**11 244**	**4 526**	**6 718**	**2 717**	**11 729**	**51 678**	**8 068**	**185**	**17 255**	**60 113**
With a mortgage	49 641	16 660	8 271	3 095	5 176	1 599	6 790	32 981	4 671	108	13 099	36 542
Less than $100	106	14	14	4	10	–	–	92	7	–	16	90
$100 to $149	593	58	23	18	5	–	35	535	72	–	45	548
$150 to $199	2 779	565	144	60	84	53	368	2 214	306	5	260	2 519
$200 to $249	6 736	1 855	706	316	390	121	1 028	4 881	666	18	1 124	5 612
$250 to $299	8 801	2 654	1 242	617	625	299	1 113	6 147	948	17	2 029	6 772
$300 to $349	8 186	2 577	1 199	495	704	228	1 150	5 609	855	14	1 971	6 215
$350 to $399	7 249	2 515	1 218	415	803	255	1 042	4 734	654	8	1 988	5 261
$400 to $449	5 237	2 050	1 078	340	738	246	726	3 187	477	6	1 719	3 518
$450 to $499	3 542	1 473	781	253	528	151	541	2 069	263	14	1 252	2 290
$500 to $599	3 578	1 595	929	264	665	190	476	1 983	289	9	1 345	2 233
$600 to $749	1 881	894	636	194	442	39	219	987	112	7	897	984
$750 or more	953	410	301	119	182	17	92	543	22	10	453	500
Median	$335	$362	$383	$355	$398	$369	$337	$323	$320	$350	$378	$322
Not mortgaged	27 727	9 030	2 973	1 431	1 542	1 118	4 939	18 697	3 397	77	4 156	23 571
Less than $50	280	13	6	–	6	–	7	267	13	1	28	252
$50 to $74	713	51	11	5	6	–	40	662	58	2	29	684
$75 to $99	1 721	147	33	15	18	24	90	1 574	151	9	120	1 601
$100 to $149	8 384	2 085	732	382	350	211	1 142	6 299	992	25	1 024	7 360
$150 to $199	9 286	3 386	1 079	489	590	392	1 915	5 900	1 310	25	1 466	7 820
$200 to $249	4 573	2 088	672	258	414	299	1 117	2 485	531	8	908	3 665
$250 or more	2 770	1 260	440	282	158	192	628	1 510	342	7	581	2 189
Median	$164	$183	$182	$181	$183	$192	$182	$154	$166	$152	$179	$161
GROSS RENT												
Specified renter-occupied housing units	**50 761**	**27 743**	**11 138**	**7 218**	**3 920**	**3 100**	**13 505**	**23 018**	**5 935**	**270**	**13 104**	**37 657**
Less than $50	242	147	35	35	–	27	85	95	36	–	35	207
$50 to $59	408	258	62	43	19	21	175	150	58	–	62	346
$60 to $79	1 436	1 064	331	209	122	95	638	372	157	2	339	1 097
$80 to $99	963	558	203	129	74	39	316	405	127	10	224	739
$100 to $119	1 337	796	129	97	32	98	569	541	187	–	138	1 199
$120 to $149	3 260	1 798	529	401	128	205	1 064	1 462	474	5	570	2 690
$150 to $169	3 399	1 782	602	473	129	169	1 011	1 617	560	20	642	2 757
$170 to $199	6 475	3 602	960	679	281	433	2 209	2 873	929	14	1 075	5 400
$200 to $249	11 906	6 690	2 390	1 728	662	884	3 416	5 216	1 558	23	2 741	9 165
$250 to $299	8 534	5 012	2 178	1 444	734	637	2 197	3 522	769	18	2 560	5 974
$300 to $349	4 543	2 488	1 363	759	604	251	874	2 055	404	20	1 749	2 794
$350 to $399	2 379	1 488	1 037	512	525	124	327	891	182	–	1 232	1 147
$400 to $499	1 591	932	734	395	339	63	135	659	73	1	859	732
$500 or more	749	401	331	195	136	4	66	348	54	3	408	341
No cash rent	3 539	727	254	119	135	50	423	2 812	367	154	470	3 069
Median	$224	$225	$254	$243	$276	$223	$206	$223	$207	$210	$259	$214
HOUSEHOLD INCOME IN 1979												
Occupied housing units	**177 164**	**62 101**	**25 716**	**12 944**	**12 772**	**6 921**	**29 464**	**115 063**	**16 831**	**5 100**	**37 546**	**139 618**
Median income	$14 790	$14 586	$16 674	$13 042	$20 171	$13 761	$13 263	$14 884	$13 266	$15 678	$17 531	$14 176
Owner-occupied housing units	121 981	34 014	14 470	5 653	8 817	3 783	15 761	87 967	10 790	4 345	24 015	97 966
Median income	$17 357	$20 312	$23 226	$22 258	$23 861	$19 137	$18 186	$16 403	$16 356	$16 481	$22 213	$16 399
Renter-occupied housing units	55 183	28 087	11 246	7 291	3 955	3 138	13 703	27 096	6 041	755	13 531	41 652
Median income	$9 758	$9 352	$9 951	$8 828	$12 409	$9 813	$8 830	$10 160	$8 971	$11 377	$10 441	$9 567
INCOME IN 1979 BELOW POVERTY LEVEL												
Owner-occupied housing units	**9 674**	**1 542**	**532**	**230**	**302**	**197**	**813**	**8 132**	**829**	**646**	**1 074**	**8 600**
Percent below poverty level	7.9	4.5	3.7	4.1	3.4	5.2	5.2	9.2	7.7	14.9	4.5	8.8
Complete plumbing for exclusive use	8 927	1 496	520	227	293	197	779	7 431	799	623	1 032	7 895
1.01 or more persons per room	371	6	6	6	–	–	–	365	22	24	18	353
Lacking complete plumbing for exclusive use	747	46	12	3	9	–	34	701	30	23	42	705
1.01 or more persons per room	83	–	–	–	–	–	–	83	3	6	–	83
Renter-occupied housing units	**12 875**	**6 675**	**2 796**	**2 028**	**768**	**621**	**3 258**	**6 200**	**1 586**	**182**	**3 268**	**9 607**
Percent below poverty level	23.3	23.8	24.9	27.8	19.4	19.8	23.8	22.9	26.3	24.1	24.2	23.1
Complete plumbing for exclusive use	12 130	6 397	2 697	1 967	730	595	3 105	5 733	1 528	166	3 140	8 990
1.01 or more persons per room	549	234	88	82	6	19	127	315	63	8	127	422
Lacking complete plumbing for exclusive use	745	278	99	61	38	26	153	467	58	16	128	617
1.01 or more persons per room	63	10	–	–	–	–	10	53	2	5	5	58

Table 69. Fuels and Financial Characteristics of Housing Units With a Black Householder: 1980

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The State Urban and Rural and Size of Place Inside and Outside SMSA's	The State	Urban						Rural				
			Inside urbanized areas			Outside urbanized areas						
		Total	Total	Central cities	Urban fringe	Places of 10,000 or more	Places of 2,500 to 10,000	Total	Places of 1,000 to 2,500	Rural farm	Inside SMSA's	Outside SMSA's
Occupied housing units	**330**	**169**	**94**	**69**	**25**	**18**	**57**	**161**	**48**	**2**	**128**	**202**
HOUSE HEATING FUEL												
Utility gas	39	37	30	24	6	–	7	2	–	...	30	9
Bottled, tank, or LP gas	15	7	7	–	7	–	–	8	5	...	7	8
Electricity	58	45	40	34	6	–	5	13	4	...	47	11
Fuel oil, kerosene, etc	186	80	17	11	6	18	45	106	39	...	42	144
Coal or coke	–	–	–	–	–	–	–	–	–	...	–	–
Wood	30	–	–	–	–	–	–	30	–	...	2	28
Other fuel	–	–	–	–	–	–	–	–	–	...	–	–
No fuel used	2	–	–	–	–	–	–	2	–	...	–	2
WATER HEATING FUEL												
Utility gas	43	43	36	24	12	–	7	–	–	...	36	7
Bottled, tank, or LP gas	28	7	7	–	7	–	–	21	5	...	7	21
Electricity	166	78	39	39	–	6	33	88	21	...	69	97
Fuel oil, kerosene, etc	84	41	12	6	6	12	17	43	22	...	16	68
Other	8	–	–	–	–	–	–	8	–	...	–	8
No fuel used	1	–	–	–	–	–	–	1	–	...	–	1
COOKING FUEL												
Utility gas	34	34	34	28	6	–	–	–	–	...	34	–
Bottled, tank, or LP gas	53	5	–	–	–	–	5	48	11	...	11	42
Electricity	239	130	60	41	19	18	52	109	37	...	83	156
Other	4	–	–	–	–	–	–	4	–	...	–	4
No fuel used	–	–	–	–	–	–	–	–	–	...	–	–
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units	**97**	**45**	**25**	**12**	**13**	...	**14**	**52**	**7**	...	**36**	**61**
With a mortgage	76	31	25	12	13	...	6	45	7	...	36	40
Less than $100	–	–	–	–	–	...	–	–	–	...	–	–
$100 to $149	–	–	–	–	–	...	–	–	–	...	–	–
$150 to $199	–	–	–	–	–	...	–	–	–	...	–	–
$200 to $249	1	–	–	–	–	...	–	1	–	...	–	1
$250 to $299	4	–	–	–	–	...	–	4	–	...	–	4
$300 to $349	–	–	–	–	–	...	–	–	–	...	–	–
$350 to $399	1	–	–	–	–	...	–	1	–	...	–	1
$400 to $449	2	–	–	–	–	...	–	2	–	...	–	2
$450 to $499	13	6	–	–	–	...	6	7	1	...	–	13
$500 to $599	19	–	–	–	–	...	–	19	6	...	–	19
$600 to $749	30	19	19	6	13	...	–	11	–	...	30	–
$750 or more	6	6	6	6	–	...	–	–	–	...	6	–
Median	$583	$625	$633	$775	$625	...	$475	$529	$521	...	$647	$496
Not mortgaged	21	14	–	–	–	...	8	7	–	...	–	21
Less than $50	–	–	–	–	–	...	–	–	–	...	–	–
$50 to $74	–	–	–	–	–	...	–	–	–	...	–	–
$75 to $99	–	–	–	–	–	...	–	–	–	...	–	–
$100 to $149	5	–	–	–	–	...	–	5	–	...	–	5
$150 to $199	8	8	–	–	–	...	8	–	–	...	–	8
$200 to $249	2	–	–	–	–	...	–	2	–	...	–	2
$250 or more	6	6	–	–	–	...	–	–	–	...	–	6
Median	$167	$172	–	–	–	...	$163	$142	–	...	–	$167
GROSS RENT												
Specified renter-occupied housing units	**164**	**108**	**58**	**52**	...	**12**	**38**	**56**	**30**	**–**	**60**	**104**
Less than $50	–	–	–	–	...	–	–	–	–	–	–	–
$50 to $59	–	–	–	–	...	–	–	–	–	–	–	–
$60 to $79	–	–	–	–	...	–	–	–	–	–	–	–
$80 to $99	–	–	–	–	...	–	–	–	–	–	–	–
$100 to $119	5	5	–	–	...	–	5	–	–	–	–	5
$120 to $149	43	34	19	13	...	7	8	9	5	–	19	24
$150 to $169	–	–	–	–	...	–	–	–	–	–	–	–
$170 to $199	19	9	9	9	...	–	–	10	8	–	9	10
$200 to $249	41	29	17	17	...	–	12	12	4	–	17	24
$250 to $299	11	6	–	–	...	–	6	5	3	–	2	9
$300 to $349	35	25	13	13	...	5	7	10	3	–	13	22
$350 to $399	–	–	–	–	...	–	–	–	–	–	–	–
$400 to $499	7	–	–	–	...	–	–	7	7	–	–	7
$500 or more	–	–	–	–	...	–	–	–	–	–	–	–
No cash rent	3	–	–	–	...	–	–	3	–	–	–	3
Median	$217	$213	$204	$217	...	$139	$225	$223	$213	–	$208	$221
HOUSEHOLD INCOME IN 1979												
Occupied housing units	**330**	**169**	**94**	**69**	**25**	**18**	**57**	**161**	**48**	**2**	**128**	**202**
Median income	$15 000	$13 631	$14 524	$13 250	$22 708	$18 571	$10 208	$18 393	$17 917	...	$16 458	$13 750
Owner-occupied housing units	161	61	36	17	19	6	19	100	18	...	68	93
Median income	$24 609	$22 708	$27 917	$28 958	...	...	$11 827	$26 250	$35 714	...	$29 583	$17 125
Renter-occupied housing units	169	108	58	52	6	12	38	61	30	...	60	109
Median income	$10 795	$9 700	$9 792	$9 167	...	...	$8 462	$12 656	$16 667	...	$11 250	$10 795
INCOME IN 1979 BELOW POVERTY LEVEL												
Owner-occupied housing units	**7**	**–**	**–**	**–**	...	...	**–**	**7**	**–**	...	**–**	**7**
Percent below poverty level	4.3	–	–	–	...	...	–	7.0	–	...	–	7.5
Complete plumbing for exclusive use	7	–	–	–	...	...	–	7	–	...	–	7
1.01 or more persons per room	–	–	–	–	...	...	–	–	–	...	–	–
Lacking complete plumbing for exclusive use	–	–	–	–	...	...	–	–	–	...	–	–
1.01 or more persons per room	–	–	–	–	...	...	–	–	–	...	–	–
Renter-occupied housing units	**34**	**14**	**7**	**7**	...	...	**7**	**20**	**4**	...	**7**	**27**
Percent below poverty level	20.1	13.0	12.1	13.5	...	...	18.4	32.8	13.3	...	11.7	24.8
Complete plumbing for exclusive use	27	7	–	–	...	...	7	20	4	...	–	27
1.01 or more persons per room	10	7	–	–	...	...	7	3	–	...	–	10
Lacking complete plumbing for exclusive use	7	7	7	7	...	...	–	–	–	...	7	–
1.01 or more persons per room	–	–	–	–	...	...	–	–	–	...	–	–

Table 70. **Fuels and Financial Characteristics of Housing Units With a Householder of Spanish Origin: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The State Urban and Rural and Size of Place Inside and Outside SMSA's	The State	Urban						Rural				
			Inside urbanized areas			Outside urbanized areas						
		Total	Total	Central cities	Urban fringe	Places of 10,000 or more	Places of 2,500 to 10,000	Total	Places of 1,000 to 2,500	Rural farm	Inside SMSA's	Outside SMSA's
Occupied housing units	**954**	**487**	**194**	**71**	**123**	**38**	**255**	**467**	**80**	**15**	**250**	**704**
HOUSE HEATING FUEL												
Utility gas	69	69	59	39	20	–	10	–	–	–	59	10
Bottled, tank, or LP gas	57	26	16	9	7	–	10	31	4	2	16	41
Electricity	178	99	80	–	80	–	19	79	5	–	96	82
Fuel oil, kerosene, etc	513	260	33	17	16	33	194	253	61	11	66	447
Coal or coke	2	–	–	–	–	–	–	2	–	–	–	2
Wood	135	33	6	6	–	5	22	102	10	2	13	122
Other fuel	–	–	–	–	–	–	–	–	–	–	–	–
No fuel used	–	–	–	–	–	–	–	–	–	–	–	–
WATER HEATING FUEL												
Utility gas	64	64	45	34	11	–	19	–	–	–	45	19
Bottled, tank, or LP gas	88	27	7	–	7	–	20	61	6	2	7	81
Electricity	558	261	142	37	105	27	92	297	56	7	187	371
Fuel oil, kerosene, etc	209	132	–	–	–	11	121	77	18	2	6	203
Other	28	3	–	–	–	–	3	25	–	2	5	23
No fuel used	7	–	–	–	–	–	–	7	–	2	–	7
COOKING FUEL												
Utility gas	78	69	28	24	4	6	35	9	7	–	28	50
Bottled, tank, or LP gas	187	39	13	9	4	–	26	148	10	2	15	172
Electricity	680	374	153	38	115	32	189	306	63	13	205	475
Other	4	–	–	–	–	–	–	4	–	–	2	2
No fuel used	5	5	–	–	–	–	5	–	–	–	–	5
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units	**373**	**163**	**26**	**7**	**19**	**16**	**121**	**210**	**38**	**–**	**54**	**319**
With a mortgage	231	93	20	7	13	6	67	138	14	–	48	183
Less than $100	4	–	–	–	–	–	–	4	–	–	–	4
$100 to $149	10	8	–	–	–	–	8	2	–	–	–	10
$150 to $199	7	–	–	–	–	–	–	7	–	–	–	7
$200 to $249	17	5	–	–	–	–	5	12	2	–	2	15
$250 to $299	17	7	–	–	–	–	7	10	–	–	–	17
$300 to $349	45	12	–	–	–	–	12	33	10	–	5	40
$350 to $399	45	26	13	–	13	6	7	19	–	–	13	32
$400 to $449	27	6	–	–	–	–	6	21	–	–	9	18
$450 to $499	30	13	7	7	–	–	6	17	2	–	9	21
$500 to $599	2	–	–	–	–	–	–	2	–	–	2	–
$600 to $749	27	16	–	–	–	–	16	11	–	–	8	19
$750 or more	–	–	–	–	–	–	–	–	–	–	–	–
Median	$367	$378	$388	$475	$375	$375	$361	$353	$325	–	$422	$348
Not mortgaged	142	70	6	–	6	10	54	72	24	–	6	136
Less than $50	1	–	–	–	–	–	–	1	–	–	–	1
$50 to $74	–	–	–	–	–	–	–	–	–	–	–	–
$75 to $99	10	–	–	–	–	–	–	10	8	–	–	10
$100 to $149	25	12	6	–	6	–	6	13	2	–	6	19
$150 to $199	51	36	–	–	–	–	36	15	5	–	–	51
$200 to $249	52	22	–	–	–	10	12	30	9	–	–	52
$250 or more	3	–	–	–	–	–	–	3	–	–	–	3
Median	$190	$186	$113	–	$113	$225	$184	$195	$185	–	$113	$192
GROSS RENT												
Specified renter-occupied housing units	**352**	**256**	**140**	**44**	**96**	**11**	**105**	**96**	**28**	**–**	**146**	**206**
Less than $50	–	–	–	–	–	–	–	–	–	–	–	–
$50 to $59	–	–	–	–	–	–	–	–	–	–	–	–
$60 to $79	–	–	–	–	–	–	–	–	–	–	–	–
$80 to $99	14	9	–	–	–	–	9	5	2	–	–	14
$100 to $119	8	8	–	–	–	–	8	–	–	–	–	8
$120 to $149	19	16	5	5	–	–	11	3	3	–	5	14
$150 to $169	2	–	–	–	–	–	–	2	2	–	–	2
$170 to $199	42	38	–	–	–	–	38	4	–	–	–	42
$200 to $249	77	54	26	15	11	6	22	23	7	–	26	51
$250 to $299	65	51	41	7	34	–	10	14	4	–	41	24
$300 to $349	28	18	18	–	18	–	–	10	3	–	24	4
$350 to $399	36	27	27	5	22	–	–	9	5	–	27	9
$400 to $499	35	23	18	7	11	5	–	12	–	–	18	17
$500 or more	5	5	5	5	–	–	–	–	–	–	5	–
No cash rent	21	7	–	–	–	–	7	14	2	–	–	21
Median	$252	$250	$296	$282	$308	$223	$186	$267	$225	–	$302	$209
HOUSEHOLD INCOME IN 1979												
Occupied housing units	**954**	**487**	**194**	**71**	**123**	**38**	**255**	**467**	**80**	**15**	**250**	**704**
Median income	$14 435	$13 802	$13 000	$14 792	$11 771	$11 250	$14 911	$14 836	$13 393	$19 375	$16 667	$13 878
Owner-occupied housing units	590	231	54	27	27	27	150	359	52	15	104	486
Median income	$15 437	$16 397	$14 250	$13 542	$20 089	$3 958	$18 214	$14 798	$14 444	$19 375	$20 625	$14 464
Renter-occupied housing units	364	256	140	44	96	11	105	108	28	–	146	218
Median income	$11 757	$11 176	$11 765	$16 250	$10 833	$12 292	$9 830	$15 000	$8 750	–	$11 765	$11 750
INCOME IN 1979 BELOW POVERTY LEVEL												
Owner-occupied housing units	**55**	**15**	**–**	**–**	**–**	**10**	**5**	**40**	**–**	**2**	**4**	**51**
Percent below poverty level	9.3	6.5	–	–	–	37.0	3.3	11.1	–	13.3	3.8	10.5
Complete plumbing for exclusive use	45	15	–	–	–	10	5	30	–	2	4	41
1.01 or more persons per room	1	–	–	–	–	–	–	1	–	–	–	1
Lacking complete plumbing for exclusive use	10	–	–	–	–	–	–	10	–	–	–	10
1.01 or more persons per room	–	–	–	–	–	–	–	–	–	–	–	–
Renter-occupied housing units	**98**	**62**	**40**	**25**	**15**	**–**	**22**	**36**	**13**	**–**	**43**	**55**
Percent below poverty level	26.9	24.2	28.6	56.8	15.6	–	21.0	33.3	46.4	–	29.5	25.2
Complete plumbing for exclusive use	91	57	35	20	15	–	22	34	13	–	38	53
1.01 or more persons per room	5	5	–	–	–	–	5	–	–	–	–	5
Lacking complete plumbing for exclusive use	7	5	5	5	–	–	–	2	–	–	5	2
1.01 or more persons per room	–	–	–	–	–	–	–	–	–	–	–	–

Table 71. Fuels and Financial Characteristics of Housing Units With a Householder of the Specified Race: 1980

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The State	American Indian	Eskimo	Aleut	Asian and Pacific Islander: Japanese	Chinese	Filipino	Korean	Asian Indian	Vietnamese	Hawaiian	Guamanian	Samoan	Other	Race, n.e.c.
Occupied housing units	**327**	–	**4**	**48**	**80**	**32**	**27**	**159**	**5**	–	–	–	**9**	**140**
HOUSE HEATING FUEL														
Utility gas	41	–	...	–	–	9	–	7	...	–	–	–	...	17
Bottled, tank, or LP gas	26	–	...	–	6	–	–	7	...	–	–	–	...	–
Electricity	18	–	...	13	18	–	10	38	...	–	–	–	...	47
Fuel oil, kerosene, etc	177	–	...	18	34	23	17	103	...	–	–	–	...	59
Coal or coke	–	–	...	–	–	–	–	–	...	–	–	–	...	–
Wood	63	–	...	17	22	–	–	4	...	–	–	–	...	17
Other fuel	–	–	...	–	–	–	–	–	...	–	–	–	...	–
No fuel used	2	–	...	–	–	–	–	–	...	–	–	–	...	–
WATER HEATING FUEL														
Utility gas	38	–	...	–	–	–	–	–	...	–	–	–	...	12
Bottled, tank, or LP gas	57	–	...	8	3	3	1	17	...	–	–	–	...	–
Electricity	181	–	...	31	45	15	20	85	...	–	–	–	...	93
Fuel oil, kerosene, etc	37	–	...	9	32	14	6	51	...	–	–	–	...	35
Other	4	–	...	–	–	–	–	6	...	–	–	–	...	–
No fuel used	10	–	...	–	–	–	–	–	...	–	–	–	...	–
COOKING FUEL														
Utility gas	31	–	...	1	–	–	–	–	...	–	–	–	...	–
Bottled, tank, or LP gas	133	–	...	14	28	–	2	27	...	–	–	–	...	18
Electricity	154	–	...	24	52	32	25	130	...	–	–	–	...	120
Other	9	–	...	9	–	–	–	2	...	–	–	–	...	–
No fuel used	–	–	...	–	–	–	–	–	...	–	–	–	...	2
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS														
Specified owner-occupied housing units	**104**	–	–	**14**	**31**	**15**	**6**	**72**	–	–	–	–	...	**53**
With a mortgage	76	–	–	14	25	15	6	64	–	–	–	–	...	43
Less than $100	–	–	–	–	–	–	–	–	–	–	–	–	...	–
$100 to $149	2	–	–	–	–	–	–	–	–	–	–	–	...	–
$150 to $199	17	–	–	3	–	–	–	–	–	–	–	–	...	3
$200 to $249	4	–	–	–	–	–	–	2	–	–	–	–	...	5
$250 to $299	15	–	–	2	–	–	–	2	–	–	–	–	...	–
$300 to $349	13	–	–	–	–	–	–	2	–	–	–	–	...	7
$350 to $399	7	–	–	6	–	15	6	25	–	–	–	–	...	–
$400 to $449	–	–	–	3	6	–	–	–	–	–	–	–	...	8
$450 to $499	7	–	–	–	3	–	–	–	–	–	–	–	...	9
$500 to $599	7	–	–	–	11	–	–	8	–	–	–	–	...	2
$600 to $749	3	–	–	–	5	–	–	14	–	–	–	–	...	9
$750 or more	1	–	–	–	–	–	–	11	–	–	–	–	...	–
Median	$300	–	–	$367	$535	$375	$375	$506	–	–	–	–	...	$441
Not mortgaged	28	–	–	–	6	–	–	8	–	–	–	–	...	10
Less than $50	2	–	–	–	–	–	–	–	–	–	–	–	...	–
$50 to $74	3	–	–	–	–	–	–	–	–	–	–	–	...	–
$75 to $99	12	–	–	–	–	–	–	–	–	–	–	–	...	–
$100 to $149	3	–	–	–	–	–	–	–	–	–	–	–	...	–
$150 to $199	6	–	–	–	–	–	–	4	–	–	–	–	...	–
$200 to $249	2	–	–	–	–	–	–	–	–	–	–	–	...	10
$250 or more	–	–	–	–	6	–	–	4	–	–	–	–	...	–
Median	$94	–	–	–	$350	–	–	$212	–	–	–	–	...	$225
GROSS RENT														
Specified renter-occupied housing units	**141**	–	...	**26**	**33**	**14**	**12**	**64**	...	–	–	–	...	**75**
Less than $50	–	–	...	–	–	–	–	–	...	–	–	–	...	–
$50 to $59	–	–	...	–	–	–	–	–	...	–	–	–	...	–
$60 to $79	2	–	...	–	–	–	–	–	...	–	–	–	...	–
$80 to $99	1	–	...	–	–	–	–	–	...	–	–	–	...	–
$100 to $119	–	–	...	–	–	–	–	4	...	–	–	–	...	–
$120 to $149	4	–	...	3	–	–	–	–	...	–	–	–	...	–
$150 to $169	12	–	...	1	–	–	–	–	...	–	–	–	...	2
$170 to $199	19	–	...	2	–	–	–	6	...	–	–	–	...	–
$200 to $249	27	–	...	7	14	7	–	19	...	–	–	–	...	24
$250 to $299	36	–	...	6	–	–	6	6	...	–	–	–	...	16
$300 to $349	24	–	...	7	8	–	2	18	...	–	–	–	...	14
$350 to $399	12	–	...	–	–	–	–	–	...	–	–	–	...	4
$400 to $499	3	–	...	–	3	–	–	9	...	–	–	–	...	13
$500 or more	–	–	...	–	–	7	–	–	...	–	–	–	...	–
No cash rent	1	–	...	–	8	–	4	2	...	–	–	–	...	2
Median	$255	–	...	$237	$247	$362	$267	$258	...	–	–	–	...	$270
HOUSEHOLD INCOME IN 1979														
Occupied housing units	**327**	–	**4**	**48**	**80**	**32**	**27**	**159**	**5**	–	–	–	**9**	**140**
Median income	$9 111	–	...	$10 750	$21 563	$10 313	$14 063	$21 563	...	–	–	–	...	$18 906
Owner-occupied housing units	163	–	...	22	47	18	15	92	...	–	–	–	...	59
Median income	$9 150	–	...	$23 500	$26 250	$11 250	$33 750	$26 944	...	–	–	–	...	$15 893
Renter-occupied housing units	164	–	...	26	33	14	12	67	...	–	–	–	...	81
Median income	$9 074	–	...	$2500—	$17 813	$10 313	$7 500	$15 156	...	–	–	–	...	$21 375
INCOME IN 1979 BELOW POVERTY LEVEL														
Owner-occupied housing units	**67**	–	...	–	**3**	–	–	**4**	...	–	–	–	...	**12**
Percent below poverty level	41.1	–	...	–	6.4	–	–	4.3	...	–	–	–	...	20.3
Complete plumbing for exclusive use	49	–	...	–	3	–	–	4	...	–	–	–	...	12
1.01 or more persons per room	6	–	...	–	–	–	–	–	...	–	–	–	...	–
Lacking complete plumbing for exclusive use	18	–	...	–	–	–	–	–	...	–	–	–	...	–
1.01 or more persons per room	4	–	...	–	–	–	–	–	...	–	–	–	...	–
Renter-occupied housing units	**67**	–	...	**14**	**8**	**6**	**6**	**2**	...	–	–	–	...	**6**
Percent below poverty level	40.9	–	...	53.8	24.2	42.9	50.0	3.0	...	–	–	–	...	7.4
Complete plumbing for exclusive use	62	–	...	14	8	6	6	2	...	–	–	–	...	6
1.01 or more persons per room	13	–	...	–	–	–	–	–	...	–	–	–	...	–
Lacking complete plumbing for exclusive use	5	–	...	–	–	–	–	–	...	–	–	–	...	–
1.01 or more persons per room	3	–	...	–	–	–	–	–	...	–	–	–	...	–

Table 72. **Fuels and Financial Characteristics of Housing Units With a Householder of Spanish Origin by Type and Race: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The State	Spanish origin										Not of Spanish origin				
		Type				Race									
	Total	Mexican	Puerto Rican	Cuban	Other Spanish	White	Black	American Indian, Eskimo, and Aleut	Asian and Pacific Islander	Race, n.e.c.	White	Black	American Indian, Eskimo, and Aleut	Asian and Pacific Islander	Race, n.e.c.
Occupied housing units	**954**	**142**	**87**	**65**	**660**	**822**	**19**	**4**	**16**	**93**	**176 342**	**311**	**327**	**344**	**47**
HOUSE HEATING FUEL															
Utility gas	69	–	24	6	39	43	–	–	9	17	10 553	39	41	7	–
Bottled, tank, or LP gas	57	26	7	–	24	57	–	–	–	–	8 709	15	26	13	–
Electricity	178	16	18	14	130	138	2	–	–	38	17 580	56	20	79	9
Fuel oil, kerosene, etc	513	88	36	33	356	457	17	4	7	28	107 618	169	175	200	31
Coal or coke	2	–	–	–	2	2	–	–	–	–	851	–	–	–	–
Wood	135	12	2	12	109	125	–	–	–	10	30 766	30	63	45	7
Other fuel	–	–	–	–	–	–	–	–	–	–	168	–	–	–	–
No fuel used	–	–	–	–	–	–	–	–	–	–	97	2	2	–	–
WATER HEATING FUEL															
Utility gas	64	–	19	6	39	52	–	–	–	12	10 767	43	38	–	–
Bottled, tank, or LP gas	88	23	9	–	56	88	–	–	–	–	22 115	28	57	32	–
Electricity	558	86	38	36	398	465	14	4	9	66	90 526	152	179	192	27
Fuel oil, kerosene, etc	209	24	21	16	148	182	5	–	7	15	47 483	79	39	112	20
Other	28	8	–	3	17	28	–	–	–	–	4 305	8	4	6	–
No fuel used	7	1	–	4	2	7	–	–	–	–	1 146	1	10	2	–
COOKING FUEL															
Utility gas	78	2	13	6	57	78	–	–	–	–	9 887	34	31	1	–
Bottled, tank, or LP gas	187	53	13	13	108	174	–	4	–	9	45 649	53	133	73	9
Electricity	680	80	61	46	493	561	19	–	16	84	117 486	220	154	259	36
Other	4	2	–	–	2	4	–	–	–	–	3 118	4	9	11	–
No fuel used	5	5	–	–	–	5	–	–	–	–	202	–	–	–	2
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS															
Specified owner-occupied housing units	**373**	**16**	**17**	**37**	**303**	**319**	**11**	**–**	**15**	**28**	**77 049**	**86**	**104**	**123**	**25**
With a mortgage	231	8	17	20	186	192	6	–	15	18	49 449	70	76	109	25
Less than $100	4	–	–	4	–	4	–	–	–	–	102	–	–	–	–
$100 to $149	10	2	–	–	8	10	–	–	–	–	583	–	2	–	–
$150 to $199	7	–	2	–	5	7	–	–	–	–	2 772	–	17	3	3
$200 to $249	17	2	5	–	10	12	–	–	–	5	6 724	1	4	2	–
$250 to $299	17	–	–	2	15	17	–	–	–	–	8 784	4	15	4	–
$300 to $349	45	–	–	10	35	45	–	–	–	–	8 141	–	13	2	7
$350 to $399	45	–	–	2	43	30	–	–	15	–	7 219	1	7	37	–
$400 to $449	27	–	2	2	23	19	–	–	–	8	5 218	2	–	9	–
$450 to $499	30	2	6	–	22	27	–	–	–	3	3 515	13	7	3	6
$500 to $599	2	–	2	–	–	2	–	–	–	–	3 576	19	7	19	2
$600 to $749	27	2	–	–	25	19	6	–	–	2	1 862	24	3	19	7
$750 or more	–	–	–	–	–	–	–	–	–	–	953	6	1	11	–
Median	$367	$350	$438	$320	$373	$352	$725	–	$375	$425	$335	$558	$300	$436	$471
Not mortgaged	142	8	–	17	117	127	5	–	–	10	27 600	16	28	14	–
Less than $50	1	1	–	–	–	1	–	–	–	–	279	–	2	–	–
$50 to $74	–	–	–	–	–	–	–	–	–	–	713	–	3	–	–
$75 to $99	10	–	–	8	2	10	–	–	–	–	1 711	–	12	–	–
$100 to $149	25	5	–	–	20	20	5	–	–	–	8 364	–	3	–	–
$150 to $199	51	1	–	2	48	51	–	–	–	–	9 235	8	6	4	–
$200 to $249	52	–	–	7	45	42	–	–	–	10	4 531	2	2	–	–
$250 or more	3	1	–	–	2	3	–	–	–	–	2 767	6	–	10	–
Median	$190	$115	–	$181	$192	$188	$138	–	–	$225	$163	$187	$94	$317	–
GROSS RENT															
Specified renter-occupied housing units	**352**	**67**	**64**	**25**	**196**	**289**	**2**	**–**	**1**	**60**	**50 472**	**162**	**145**	**160**	**15**
Less than $50	–	–	–	–	–	–	–	–	–	–	242	–	–	–	–
$50 to $59	–	–	–	–	–	–	–	–	–	–	408	–	–	–	–
$60 to $79	–	–	–	–	–	–	–	–	–	–	1 436	–	2	–	–
$80 to $99	14	5	–	–	9	14	–	–	–	–	949	–	1	–	–
$100 to $119	8	8	–	–	–	8	–	–	–	–	1 329	5	–	4	–
$120 to $149	19	11	5	–	3	19	–	–	–	–	3 241	43	4	3	–
$150 to $169	2	2	–	–	–	2	–	–	–	–	3 397	–	12	1	2
$170 to $199	42	7	8	–	27	42	–	–	–	–	6 433	19	21	8	–
$200 to $249	77	16	10	12	39	61	–	–	1	15	11 845	41	27	46	9
$250 to $299	65	6	19	2	38	49	–	–	–	16	8 485	11	36	18	–
$300 to $349	28	6	4	4	14	12	2	–	–	14	4 531	33	24	45	–
$350 to $399	36	3	–	2	31	34	–	–	–	2	2 345	–	12	–	2
$400 to $499	35	–	18	5	12	22	–	–	–	13	1 569	7	3	14	–
$500 or more	5	–	–	–	5	5	–	–	–	–	744	–	–	7	–
No cash rent	21	3	–	–	18	21	–	–	–	–	3 518	3	3	14	2
Median	$252	$189	$269	$256	$264	$239	$325	–	$213	$292	$224	$216	$254	$265	$238
HOUSEHOLD INCOME IN 1979															
Occupied housing units	**954**	**142**	**87**	**65**	**660**	**822**	**19**	**4**	**16**	**93**	**176 342**	**311**	**327**	**344**	**47**
Median income	$14 435	$7 222	$13 125	$16 125	$15 913	$14 234	$26 875	$32 500	$7 222	$17 614	$14 792	$14 726	$9 014	$18 958	$27 969
Owner-occupied housing units	590	72	23	40	455	528	17	–	15	30	121 453	144	163	181	29
Median income	$15 437	$7 368	$12 159	$13 333	$17 386	$16 103	$26 458	–	$7 083	$8 438	$17 361	$24 063	$9 150	$27 188	$31 250
Renter-occupied housing units	364	70	64	25	205	294	2	4	1	63	54 889	167	164	163	18
Median income	$11 757	$7 059	$17 692	$20 313	$11 853	$10 500	$37 500	$32 500	$11 250	$20 781	$9 755	$10 568	$8 889	$10 602	$27 813
INCOME IN 1979 BELOW POVERTY LEVEL															
Owner-occupied housing units	**55**	**11**	**–**	**4**	**40**	**38**	**5**	**–**	**–**	**12**	**9 636**	**2**	**67**	**7**	**–**
Percent below poverty level	9.3	15.3	–	10.0	8.8	7.2	29.4	–	–	40.0	7.9	1.4	41.1	3.9	–
Complete plumbing for exclusive use	45	5	–	–	40	28	5	–	–	12	8 899	2	49	7	–
1.01 or more persons per room	1	1	–	–	–	1	–	–	–	–	370	–	6	–	–
Lacking complete plumbing for exclusive use	10	6	–	4	–	10	–	–	–	–	737	–	18	–	–
1.01 or more persons per room	–	–	–	–	–	–	–	–	–	–	83	–	4	–	–
Renter-occupied housing units	**98**	**30**	**16**	**6**	**46**	**96**	**–**	**–**	**–**	**2**	**12 779**	**34**	**69**	**43**	**4**
Percent below poverty level	26.9	42.9	25.0	24.0	22.4	32.7	–	–	–	3.2	23.3	20.4	42.1	26.4	22.2
Complete plumbing for exclusive use	91	30	11	6	44	89	–	–	–	2	12 041	27	64	43	4
1.01 or more persons per room	5	5	–	–	–	5	–	–	–	–	544	10	13	7	–
Lacking complete plumbing for exclusive use	7	–	5	–	2	7	–	–	–	–	738	7	5	–	–
1.01 or more persons per room	–	–	–	–	–	–	–	–	–	–	63	–	3	–	–

Table 73. Structural Characteristics for Areas and Places: 1980

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

SCSA's SMSA's Urbanized Areas Places of 50,000 or More and Central Cities of SMSA's	SMSA's	Urbanized areas	Places
	Burlington, Vt.	Burlington, Vt.	Burlington city
YEAR STRUCTURE BUILT			
Year-round housing units	**39 474**	**27 064**	**13 706**
1979 to March 1980	1 635	1 006	154
1975 to 1978	4 542	2 494	525
1970 to 1974	5 119	2 541	800
1960 to 1969	7 631	4 613	1 595
1950 to 1959	4 575	3 980	1 882
1940 to 1949	2 966	2 463	1 447
1939 or earlier	13 006	9 967	7 303
Owner-occupied housing units	**24 233**	**14 619**	**5 692**
1979 to March 1980	882	438	36
1975 to 1978	3 089	1 393	180
1970 to 1974	3 802	1 571	368
1960 to 1969	5 601	3 217	763
1950 to 1959	3 403	2 989	1 280
1940 to 1949	1 585	1 217	569
1939 or earlier	5 871	3 794	2 496
Renter-occupied housing units	**13 754**	**11 454**	**7 415**
1979 to March 1980	536	438	59
1975 to 1978	1 267	1 000	312
1970 to 1974	1 192	905	429
1960 to 1969	1 863	1 325	786
1950 to 1959	1 079	922	573
1940 to 1949	1 288	1 169	827
1939 or earlier	6 529	5 695	4 429
BEDROOMS			
Year-round housing units	**39 474**	**27 064**	**13 706**
None	824	661	499
1	5 767	4 945	3 419
2	11 394	8 225	4 041
3	13 495	8 324	3 671
4	6 088	3 812	1 589
5 or more	1 906	1 097	487
Owner-occupied housing units	**24 233**	**14 619**	**5 692**
None	29	9	9
1	617	334	130
2	5 287	3 265	1 153
3	11 145	6 626	2 638
4	5 472	3 414	1 353
5 or more	1 683	971	409
Renter-occupied housing units	**13 754**	**11 454**	**7 415**
None	643	545	407
1	4 892	4 415	3 135
2	5 603	4 619	2 696
3	1 942	1 445	915
4	480	319	188
5 or more	194	111	74
STORIES IN STRUCTURE			
Year-round housing units	**39 474**	**27 064**	**13 706**
1 to 3	38 529	26 121	12 909
4 to 6	547	545	399
7 to 12	391	391	391
13 or more	7	7	7
PASSENGER ELEVATOR			
Year-round housing units	**39 474**	**27 064**	**13 706**
Structures with 4 or more stories	945	943	797
With elevator	641	641	508
UNITS IN STRUCTURE			
Year-round housing units	**39 474**	**27 064**	**13 706**
1, detached	22 318	13 309	5 267
1, attached	775	692	312
2	4 432	3 418	2 211
3 and 4	3 739	3 270	2 304
5 to 9	3 040	2 872	1 820
10 to 49	2 105	1 915	968
50 or more	1 067	1 067	704
Mobile home or trailer, etc	1 998	521	120
Owner-occupied housing units	**24 233**	**14 619**	**5 692**
1, detached	19 959	12 035	4 700
1, attached	386	356	98
2	1 257	903	543
3 and 4	440	351	181
5 or more	566	504	71
Mobile home or trailer, etc	1 625	470	99
Renter-occupied housing units	**13 754**	**11 454**	**7 415**
1, detached	1 897	1 091	490
1, attached	322	271	203
2	2 909	2 339	1 546
3 and 4	3 143	2 782	2 039
5 to 9	2 532	2 401	1 659
10 to 49	1 623	1 495	774
50 or more	1 042	1 042	689
Mobile home or trailer, etc	286	33	15
UNITS IN STRUCTURE BY GROSS RENT			
Specified renter-occupied housing units	**13 324**	**11 346**	**7 342**
1, mobile home or trailer, etc	2 075	1 287	635
Median gross rent	$312	$325	$295
2 or more	11 249	10 059	6 707
Median gross rent	$253	$249	$240

Table 73a. **Structural Characteristics for Towns/Townships: 1980**

(The above table(s) were omitted because there were no qualifying areas)

Table 74. Equipment and Plumbing Facilities for Areas and Places: 1980

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

SCSA's SMSA's Urbanized Areas Places of 50,000 or More and Central Cities of SMSA's	SMSA's Burlington, Vt.	Urbanized areas Burlington, Vt.	Places Burlington city
Year-round housing units	**39 474**	**27 064**	**13 706**
Complete kitchen facilities	38 970	26 730	13 539
BATHROOMS			
No bathroom or only a half bath	867	595	435
1 complete bathroom	26 259	18 511	10 007
1 complete bathroom plus half bath(s)	6 010	4 002	1 772
2 or more complete bathrooms	6 338	3 956	1 492
SOURCE OF WATER			
Public system or private company	32 142	26 631	13 706
Individual drilled well	4 130	265	–
Individual dug well	1 651	105	–
Some other source	1 551	63	–
SEWAGE DISPOSAL			
Public sewer	25 481	23 579	13 505
Septic tank or cesspool	13 679	3 436	187
Other means	314	49	14
AIR CONDITIONING			
None	33 773	22 722	11 813
Central system	496	395	153
1 or more individual room units	5 205	3 947	1 740
HEATING EQUIPMENT			
Year-round housing units	**39 474**	**27 064**	**13 706**
Steam or hot water system	11 370	8 295	4 308
Central warm-air furnace	12 562	8 248	4 260
Electric heat pump	666	566	300
Other built-in electric units	7 055	5 615	2 455
Floor, wall, or pipeless furnace	447	347	244
Room heaters with flue	2 564	2 034	1 331
Room heaters without flue	852	733	454
Fireplaces, stoves, or portable room heaters	3 925	1 219	354
None	33	7	–
Owner-occupied housing units	**24 233**	**14 619**	**5 692**
Steam or hot water system	7 175	4 625	1 606
Central warm-air furnace	9 400	6 010	2 727
Electric heat pump	137	97	19
Other built-in electric units	2 991	2 076	716
Floor, wall, or pipeless furnace	184	125	72
Room heaters with flue	768	500	251
Room heaters without flue	249	182	47
Fireplaces, stoves, or portable room heaters	3 322	997	254
None	7	7	–
Renter-occupied housing units	**13 754**	**11 454**	**7 415**
Steam or hot water system	3 786	3 375	2 536
Central warm-air furnace	2 809	2 042	1 405
Electric heat pump	480	432	254
Other built-in electric units	3 740	3 289	1 617
Floor, wall, or pipeless furnace	246	207	157
Room heaters with flue	1 612	1 402	986
Room heaters without flue	539	491	360
Fireplaces, stoves, or portable room heaters	537	216	100
None	5	–	–
Occupied housing units	**37 987**	**26 073**	**13 107**
No telephone	1 617	1 098	685
VEHICLES AVAILABLE			
Total:			
None	4 106	3 743	2 734
1	16 055	11 815	6 190
2	12 887	8 056	3 282
3 or more	4 939	2 459	901
Automobiles:			
None	4 729	4 127	2 979
1	19 101	13 183	6 529
2	11 491	7 284	3 085
3 or more	2 666	1 479	514
Trucks or vans:			
None	30 694	22 634	11 783
1	6 859	3 262	1 261
2	387	164	56
3 or more	47	13	7
YEAR HOUSEHOLDER MOVED INTO UNIT			
Owner-occupied housing units	**24 233**	**14 619**	**5 692**
1979 to March 1980	2 880	1 656	461
1975 to 1978	7 444	3 990	1 177
1970 to 1974	4 506	2 310	885
1960 to 1969	4 879	3 275	1 397
1950 to 1959	2 645	2 118	1 041
1949 or earlier	1 879	1 270	731
Renter-occupied housing units	**13 754**	**11 454**	**7 415**
1979 to March 1980	7 044	5 821	3 685
1975 to 1978	4 142	3 469	2 208
1970 to 1974	1 210	1 039	740
1960 to 1969	825	678	474
1959 or earlier	533	447	308
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER			
Occupied housing units	**5 649**	**4 307**	**2 538**
Owner-occupied housing units	3 735	2 600	1 372
Lacking complete plumbing for exclusive use	111	63	42
No complete kitchen facilities	54	38	32
No vehicle available	1 728	1 535	1 031
No telephone	192	151	96
Lacking central heating system	814	540	299
Lacking air conditioning	4 797	3 580	2 219

Table 74a. **Equipment and Plumbing Facilities for Towns/Townships: 1980**

(The above table(s) were omitted because there were no qualifying areas)

Table 75. Fuels and Financial Characteristics for Areas and Places: 1980

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

SCSA's SMSA's Urbanized Areas Places of 50,000 or More and Central Cities of SMSA's	SMSA's	Urbanized areas	Places
	Burlington, Vt.	Burlington, Vt.	Burlington city
Occupied housing units	**37 987**	**26 073**	**13 107**
HOUSE HEATING FUEL			
Utility gas	7 528	7 199	4 637
Bottled, tank, or LP gas	1 094	580	229
Electricity	7 500	5 991	2 664
Fuel oil, kerosene, etc	18 035	11 096	5 238
Coal or coke	146	73	17
Wood	3 615	1 074	281
Other fuel	57	53	41
No fuel used	12	7	–
WATER HEATING FUEL			
Utility gas	6 645	6 295	4 092
Bottled, tank, or LP gas	1 692	664	241
Electricity	22 209	14 947	7 365
Fuel oil, kerosene, etc	7 002	4 031	1 335
Other	367	123	66
No fuel used	72	13	8
COOKING FUEL			
Utility gas	4 546	4 246	3 129
Bottled, tank, or LP gas	4 182	1 170	353
Electricity	29 023	20 527	9 566
Other	172	71	34
No fuel used	64	59	25
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS			
Specified owner-occupied housing units	**17 405**	**11 373**	**4 557**
With a mortgage	13 243	8 394	3 120
Less than $100	16	14	4
$100 to $149	45	23	18
$150 to $199	260	144	60
$200 to $249	1 124	706	316
$250 to $299	2 029	1 242	617
$300 to $349	1 978	1 206	502
$350 to $399	2 028	1 258	421
$400 to $449	1 725	1 084	340
$450 to $499	1 258	787	253
$500 to $599	1 359	937	264
$600 to $749	955	679	200
$750 or more	466	314	125
Median	$379	$384	$355
Not mortgaged	4 162	2 979	1 437
Less than $50	28	6	–
$50 to $74	29	11	5
$75 to $99	120	33	15
$100 to $149	1 024	732	382
$150 to $199	1 466	1 079	489
$200 to $249	908	672	258
$250 or more	587	446	288
Median	$180	$182	$182
GROSS RENT			
Specified renter-occupied housing units	**13 324**	**11 346**	**7 342**
Less than $50	35	35	35
$50 to $59	62	62	43
$60 to $79	339	331	209
$80 to $99	224	203	129
$100 to $119	138	129	97
$120 to $149	589	548	414
$150 to $169	649	609	480
$170 to $199	1 090	975	694
$200 to $249	2 783	2 423	1 750
$250 to $299	2 593	2 208	1 454
$300 to $349	1 826	1 440	807
$350 to $399	1 232	1 037	512
$400 to $499	879	754	404
$500 or more	415	338	195
No cash rent	470	254	119
Median	$259	$255	$243
HOUSEHOLD INCOME IN 1979			
Occupied housing units	**37 987**	**26 073**	**13 107**
Median income	$17 543	$16 691	$13 064
Owner-occupied housing units	24 233	14 619	5 692
Median income	$22 274	$23 291	$22 286
Renter-occupied housing units	13 754	11 454	7 415
Median income	$10 484	$10 022	$8 897
INCOME IN 1979 BELOW POVERTY LEVEL			
Owner-occupied housing units	**1 076**	**532**	**230**
Percent below poverty level	4.4	3.6	4.0
Complete plumbing for exclusive use	1 034	520	227
1.01 or more persons per room	18	6	6
Lacking complete plumbing for exclusive use	42	12	3
1.01 or more persons per room	–	–	–
Renter-occupied housing units	**3 306**	**2 825**	**2 047**
Percent below poverty level	24.0	24.7	27.6
Complete plumbing for exclusive use	3 171	2 719	1 979
1.01 or more persons per room	139	100	94
Lacking complete plumbing for exclusive use	135	106	68
1.01 or more persons per room	5	–	–

Table 75a. **Fuels and Financial Characteristics for Towns/Townships: 1980**

(The above table(s) were omitted because there were no qualifying areas)

Table 76. **Plumbing, Equipment, and Structural Characteristics of Housing Units With a White Householder for Areas and Places: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

SCSA's SMSA's Urbanized Areas Places of 50,000 or More and Central Cities of SMSA's	SMSA's	Urbanized areas	Places
	Burlington, Vt.	Burlington, Vt.	Burlington city
Occupied housing units	**37 546**	**25 716**	**12 944**
YEAR STRUCTURE BUILT			
1979 to March 1980	1 392	850	89
1975 to 1978	4 248	2 320	480
1970 to 1974	4 928	2 425	778
1960 to 1969	7 398	4 491	1 530
1950 to 1959	4 465	3 894	1 847
1940 to 1949	2 854	2 368	1 378
1939 or earlier	12 261	9 368	6 842
BEDROOMS			
None	657	541	409
1	5 418	4 661	3 205
2	10 770	7 787	3 801
3	12 935	7 952	3 505
4	5 901	3 699	1 541
5 or more	1 865	1 076	483
UNITS IN STRUCTURE			
1, detached	21 672	12 990	5 165
1, attached	681	600	279
2	4 125	3 209	2 063
3 and 4	3 541	3 094	2 190
5 to 9	2 815	2 657	1 677
10 to 49	1 796	1 638	788
50 or more	1 031	1 031	668
Mobile home or trailer, etc	1 885	497	114
UNITS IN STRUCTURE BY GROSS RENT			
Specified renter-occupied housing units	**13 104**	**11 138**	**7 218**
1, mobile home or trailer, etc	2 040	1 259	619
Median gross rent	$311	$325	$294
2 or more	11 064	9 879	6 599
Median gross rent	$253	$249	$240
BATHROOMS			
No bathroom or only a half bath	766	551	405
1 complete bathroom	24 934	17 510	9 385
1 complete bathroom plus half bath(s)	5 844	3 906	1 740
2 or more complete bathrooms	6 002	3 749	1 414
SOURCE OF WATER			
Public system or private company	30 534	25 288	12 944
Individual drilled well	3 945	260	–
Individual dug well	1 609	105	–
Some other source	1 458	63	–
HEATING EQUIPMENT			
Steam or hot water system	10 834	7 900	4 112
Central warm-air furnace	12 105	7 976	4 090
Electric heat pump	597	509	253
Other built-in electric units	6 599	5 243	2 288
Floor, wall, or pipeless furnace	430	332	229
Room heaters with flue	2 350	1 872	1 214
Room heaters without flue	788	673	407
Fireplaces, stoves, or portable room heaters	3 831	1 204	351
None	12	7	–
SELECTED CHARACTERISTICS			
No telephone	1 588	1 072	663
No complete kitchen facilities	390	277	139
Lacking air conditioning	32 009	21 521	11 109
Lacking public sewer	13 392	3 345	190
No vehicle available	4 047	3 684	2 693
YEAR HOUSEHOLDER MOVED INTO UNIT			
Owner-occupied housing units	**24 015**	**14 470**	**5 653**
1979 to March 1980	2 831	1 625	449
1975 to 1978	7 327	3 905	1 158
1970 to 1974	4 470	2 289	877
1960 to 1969	4 869	3 269	1 397
1950 to 1959	2 639	2 112	1 041
1949 or earlier	1 879	1 270	731
Renter-occupied housing units	**13 531**	**11 246**	**7 291**
1979 to March 1980	6 901	5 690	3 615
1975 to 1978	4 075	3 405	2 167
1970 to 1974	1 203	1 032	733
1960 to 1969	825	678	474
1959 or earlier	527	441	302
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER			
Occupied housing units	**5 634**	**4 294**	**2 525**
Owner-occupied housing units	3 733	2 600	1 372
Lacking complete plumbing for exclusive use	111	63	42
No complete kitchen facilities	54	38	32
No vehicle available	1 715	1 522	1 018
No telephone	192	151	96
Lacking central heating system	812	540	299
Lacking air conditioning	4 782	3 567	2 206

Table 76a. **Plumbing, Equipment, and Structural Characteristics of Housing Units With a White Householder for Towns/Townships: 1980**

(The above table(s) were omitted because there were no qualifying areas)

Table 77. **Plumbing, Equipment, and Structural Characteristics of Housing Units With a Black Householder for Areas and Places: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

SCSA's SMSA's Urbanized Areas Places of 50,000 or More and Central Cities of SMSA's	SMSA's	Urbanized areas	Places
	Burlington, Vt.	Burlington, Vt.	Burlington city
Occupied housing units	**128**	**94**	**69**
YEAR STRUCTURE BUILT			
1979 to March 1980	6	6	6
1975 to 1978	17	6	6
1970 to 1974	20	7	–
1960 to 1969	26	18	12
1950 to 1959	12	12	6
1940 to 1949	5	5	5
1939 or earlier	42	40	34
BEDROOMS			
None	15	13	7
1	31	31	31
2	25	19	19
3	49	25	12
4	8	6	–
5 or more	–	–	–
UNITS IN STRUCTURE			
1, detached	40	25	6
1, attached	12	12	12
2	20	12	12
3 and 4	11	11	11
5 to 9	16	16	16
10 to 49	12	12	6
50 or more	6	6	6
Mobile home or trailer, etc	11	–	–
UNITS IN STRUCTURE BY GROSS RENT			
Specified renter-occupied housing units	**60**	**58**	**52**
1, mobile home or trailer, etc	6	6	6
Median gross rent	$225	$225	$225
2 or more	54	52	46
Median gross rent	$194	$189	$205
BATHROOMS			
No bathroom or only a half bath	7	7	7
1 complete bathroom	88	75	56
1 complete bathroom plus half bath(s)	8	–	–
2 or more complete bathrooms	25	12	6
SOURCE OF WATER			
Public system or private company	113	94	69
Individual drilled well	7	–	–
Individual dug well	–	–	–
Some other source	8	–	–
HEATING EQUIPMENT			
Steam or hot water system	25	17	11
Central warm-air furnace	42	25	19
Electric heat pump	9	9	9
Other built-in electric units	32	25	19
Floor, wall, or pipeless furnace	–	–	–
Room heaters with flue	18	18	11
Room heaters without flue	–	–	–
Fireplaces, stoves, or portable room heaters	2	–	–
None	–	–	–
SELECTED CHARACTERISTICS			
No telephone	13	13	13
No complete kitchen facilities	13	13	7
Lacking air conditioning	93	67	55
Lacking public sewer	35	7	–
No vehicle available	21	21	21
YEAR HOUSEHOLDER MOVED INTO UNIT			
Owner-occupied housing units	**68**	**36**	**17**
1979 to March 1980	17	6	6
1975 to 1978	24	13	6
1970 to 1974	13	5	5
1960 to 1969	8	6	–
1950 to 1959	6	6	–
1949 or earlier	–	–	–
Renter-occupied housing units	**60**	**58**	**52**
1979 to March 1980	39	37	31
1975 to 1978	15	15	15
1970 to 1974	–	–	–
1960 to 1969	–	–	–
1959 or earlier	6	6	6
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER			
Occupied housing units	**6**	**6**	**6**
Owner-occupied housing units	–	–	–
Lacking complete plumbing for exclusive use	–	–	–
No complete kitchen facilities	–	–	–
No vehicle available	6	6	6
No telephone	–	–	–
Lacking central heating system	–	–	–
Lacking air conditioning	6	6	6

Table 77a. **Plumbing, Equipment, and Structural Characteristics of Housing Units With a Black Householder for Towns/Townships: 1980**

Table 78. **Plumbing, Equipment, and Structural Characteristics of Housing Units With an American Indian, Eskimo, or Aleut Householder for Areas and Places: 1980**

Table 78a. **Plumbing, Equipment, and Structural Characteristics of Housing Units With an American Indian, Eskimo, or Aleut Householder for Towns/Townships: 1980**

Table 79. **Plumbing, Equipment, and Structural Characteristics of Housing Units With an Asian or Pacific Islander Householder for Areas and Places: 1980**

Table 79a. **Plumbing, Equipment, and Structural Characteristics of Housing Units With an Asian or Pacific Islander Householder for Towns/Townships: 1980**

(The above table(s) were omitted because there were no qualifying areas)

Table 80. **Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of Spanish Origin for Areas and Places: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

SCSA's SMSA's Urbanized Areas Places of 50,000 or More and Central Cities of SMSA's	SMSA's	Urbanized areas	Places
	Burlington, Vt.	Burlington, Vt.	Burlington city
Occupied housing units	**250**	**194**	**71**
YEAR STRUCTURE BUILT			
1979 to March 1980	8	8	–
1975 to 1978	61	51	6
1970 to 1974	2	–	–
1960 to 1969	47	13	–
1950 to 1959	30	25	19
1940 to 1949	18	18	11
1939 or earlier	84	79	35
BEDROOMS			
None	5	5	5
1	63	63	16
2	75	57	14
3	94	62	29
4	13	7	7
5 or more	–	–	–
UNITS IN STRUCTURE			
1, detached	73	43	24
1, attached	–	–	–
2	63	48	27
3 and 4	11	5	5
5 to 9	27	27	10
10 to 49	65	65	5
50 or more	6	6	–
Mobile home or trailer, etc	5	–	–
UNITS IN STRUCTURE BY GROSS RENT			
Specified renter-occupied housing units	**146**	**140**	**44**
1, mobile home or trailer, etc	15	12	12
Median gross rent	$395	$414	$414
2 or more	131	128	32
Median gross rent	$292	$290	$237
BATHROOMS			
No bathroom or only a half bath	13	13	5
1 complete bathroom	187	160	53
1 complete bathroom plus half bath(s)	35	16	8
2 or more complete bathrooms	15	5	5
SOURCE OF WATER			
Public system or private company	232	190	71
Individual drilled well	7	–	–
Individual dug well	11	4	–
Some other source	–	–	–
HEATING EQUIPMENT			
Steam or hot water system	32	19	8
Central warm-air furnace	76	58	30
Electric heat pump	–	–	–
Other built-in electric units	96	80	–
Floor, wall, or pipeless furnace	2	–	–
Room heaters with flue	31	31	27
Room heaters without flue	–	–	–
Fireplaces, stoves, or portable room heaters	13	6	6
None	–	–	–
SELECTED CHARACTERISTICS			
No telephone	–	–	–
No complete kitchen facilities	–	–	–
Lacking air conditioning	242	188	65
Lacking public sewer	55	4	–
No vehicle available	41	41	9
YEAR HOUSEHOLDER MOVED INTO UNIT			
Owner-occupied housing units	**104**	**54**	**27**
1979 to March 1980	21	13	5
1975 to 1978	57	32	19
1970 to 1974	3	3	3
1960 to 1969	17	–	–
1950 to 1959	6	6	–
1949 or earlier	–	–	–
Renter-occupied housing units	**146**	**140**	**44**
1979 to March 1980	93	90	37
1975 to 1978	46	43	–
1970 to 1974	7	7	7
1960 to 1969	–	–	–
1959 or earlier	–	–	–
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER			
Occupied housing units	–	–	–
Owner-occupied housing units	–	–	–
Lacking complete plumbing for exclusive use	–	–	–
No complete kitchen facilities	–	–	–
No vehicle available	–	–	–
No telephone	–	–	–
Lacking central heating system	–	–	–
Lacking air conditioning	–	–	–

Table 80a. **Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of Spanish Origin for Towns/Townships: 1980**

(The above table(s) were omitted because there were no qualifying areas)

Table 81. **Fuels and Financial Characteristics of Housing Units With a White Householder for Areas and Places: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

SCSA's SMSA's Urbanized Areas Places of 50,000 or More and Central Cities of SMSA's	SMSA's	Urbanized areas	Places
	Burlington, Vt.	Burlington, Vt.	Burlington city
Occupied housing units	**37 546**	**25 716**	**12 944**
HOUSE HEATING FUEL			
Utility gas	7 463	7 134	4 594
Bottled, tank, or LP gas	1 080	566	222
Electricity	7 342	5 843	2 593
Fuel oil, kerosene, etc	17 859	10 975	5 199
Coal or coke	146	73	17
Wood	3 587	1 065	278
Other fuel	57	53	41
No fuel used	12	7	–
WATER HEATING FUEL			
Utility gas	6 586	6 236	4 056
Bottled, tank, or LP gas	1 678	650	234
Electricity	21 956	14 745	7 257
Fuel oil, kerosene, etc	6 896	3 955	1 329
Other	361	117	60
No fuel used	69	13	8
COOKING FUEL			
Utility gas	4 500	4 200	3 089
Bottled, tank, or LP gas	4 132	1 145	340
Electricity	28 688	20 244	9 459
Other	162	68	31
No fuel used	64	59	25
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS			
Specified owner-occupied housing units	**17 255**	**11 244**	**4 526**
With a mortgage	13 099	8 271	3 095
Less than $100	16	14	4
$100 to $149	45	23	18
$150 to $199	260	144	60
$200 to $249	1 124	706	316
$250 to $299	2 029	1 242	617
$300 to $349	1 971	1 199	495
$350 to $399	1 988	1 218	415
$400 to $449	1 719	1 078	340
$450 to $499	1 252	781	253
$500 to $599	1 345	929	264
$600 to $749	897	636	194
$750 or more	453	301	119
Median	$378	$383	$355
Not mortgaged	4 156	2 973	1 431
Less than $50	28	6	–
$50 to $74	29	11	5
$75 to $99	120	33	15
$100 to $149	1 024	732	382
$150 to $199	1 466	1 079	489
$200 to $249	908	672	258
$250 or more	581	440	282
Median	$179	$182	$181
GROSS RENT			
Specified renter-occupied housing units	**13 104**	**11 138**	**7 218**
Less than $50	35	35	35
$50 to $59	62	62	43
$60 to $79	339	331	209
$80 to $99	224	203	129
$100 to $119	138	129	97
$120 to $149	570	529	401
$150 to $169	642	602	473
$170 to $199	1 075	960	679
$200 to $249	2 741	2 390	1 728
$250 to $299	2 560	2 178	1 444
$300 to $349	1 749	1 363	759
$350 to $399	1 232	1 037	512
$400 to $499	859	734	395
$500 or more	408	331	195
No cash rent	470	254	119
Median	$259	$254	$243
HOUSEHOLD INCOME IN 1979			
Occupied housing units	**37 546**	**25 716**	**12 944**
Median income	$17 531	$16 674	$13 042
Owner-occupied housing units	24 015	14 470	5 653
Median income	$22 213	$23 226	$22 258
Renter-occupied housing units	13 531	11 246	7 291
Median income	$10 441	$9 951	$8 828
INCOME IN 1979 BELOW POVERTY LEVEL			
Owner-occupied housing units	**1 074**	**532**	**230**
Percent below poverty level	4.5	3.7	4.1
Complete plumbing for exclusive use	1 032	520	227
1.01 or more persons per room	18	6	6
Lacking complete plumbing for exclusive use	42	12	3
1.01 or more persons per room	–	–	–
Renter-occupied housing units	**3 268**	**2 796**	**2 028**
Percent below poverty level	24.2	24.9	27.8
Complete plumbing for exclusive use	3 140	2 697	1 967
1.01 or more persons per room	127	88	82
Lacking complete plumbing for exclusive use	128	99	61
1.01 or more persons per room	5	–	–

Table 81a. **Fuels and Financial Characteristics of Housing Units With a White Householder for Towns/Townships: 1980**

(The above table(s) were omitted because there were no qualifying areas)

Table 82. **Fuels and Financial Characteristics of Housing Units With a Black Householder for Areas and Places: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

SCSA's SMSA's Urbanized Areas Places of 50,000 or More and Central Cities of SMSA's	SMSA's	Urbanized areas	Places
	Burlington, Vt.	Burlington, Vt.	Burlington city
Occupied housing units	**128**	**94**	**69**
HOUSE HEATING FUEL			
Utility gas	30	30	24
Bottled, tank, or LP gas	7	7	–
Electricity	47	40	34
Fuel oil, kerosene, etc	42	17	11
Coal or coke	–	–	–
Wood	2	–	–
Other fuel	–	–	–
No fuel used	–	–	–
WATER HEATING FUEL			
Utility gas	36	36	24
Bottled, tank, or LP gas	7	7	–
Electricity	69	39	39
Fuel oil, kerosene, etc	16	12	6
Other	–	–	–
No fuel used	–	–	–
COOKING FUEL			
Utility gas	34	34	28
Bottled, tank, or LP gas	11	–	–
Electricity	83	60	41
Other	–	–	–
No fuel used	–	–	–
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS			
Specified owner-occupied housing units	**36**	**25**	**12**
With a mortgage	36	25	12
Less than $100	–	–	–
$100 to $149	–	–	–
$150 to $199	–	–	–
$200 to $249	–	–	–
$250 to $299	–	–	–
$300 to $349	–	–	–
$350 to $399	–	–	–
$400 to $449	–	–	–
$450 to $499	–	–	–
$500 to $599	–	–	–
$600 to $749	30	19	6
$750 or more	6	6	6
Median	$647	$633	$775
Not mortgaged	–	–	–
Less than $50	–	–	–
$50 to $74	–	–	–
$75 to $99	–	–	–
$100 to $149	–	–	–
$150 to $199	–	–	–
$200 to $249	–	–	–
$250 or more	–	–	–
Median	–	–	–
GROSS RENT			
Specified renter-occupied housing units	**60**	**58**	**52**
Less than $50	–	–	–
$50 to $59	–	–	–
$60 to $79	–	–	–
$80 to $99	–	–	–
$100 to $119	–	–	–
$120 to $149	19	19	13
$150 to $169	–	–	–
$170 to $199	9	9	9
$200 to $249	17	17	17
$250 to $299	2	–	–
$300 to $349	13	13	13
$350 to $399	–	–	–
$400 to $499	–	–	–
$500 or more	–	–	–
No cash rent	–	–	–
Median	$208	$204	$217
HOUSEHOLD INCOME IN 1979			
Occupied housing units	**128**	**94**	**69**
Median income	$16 458	$14 524	$13 250
Owner-occupied housing units	68	36	17
Median income	$29 583	$27 917	$28 958
Renter-occupied housing units	60	58	52
Median income	$11 250	$9 792	$9 167
INCOME IN 1979 BELOW POVERTY LEVEL			
Owner-occupied housing units	–	–	–
Percent below poverty level	–	–	–
Complete plumbing for exclusive use	–	–	–
1.01 or more persons per room	–	–	–
Lacking complete plumbing for exclusive use	–	–	–
1.01 or more persons per room	–	–	–
Renter-occupied housing units	**7**	**7**	**7**
Percent below poverty level	11.7	12.1	13.5
Complete plumbing for exclusive use	–	–	–
1.01 or more persons per room	–	–	–
Lacking complete plumbing for exclusive use	7	7	7
1.01 or more persons per room	–	–	–

Table 82a. **Fuels and Financial Characteristics of Housing Units With a Black Householder for Towns/Townships: 1980**

Table 83. **Fuels and Financial Characteristics of Housing Units With an American Indian, Eskimo, or Aleut Householder for Areas and Places: 1980**

Table 83a. **Fuels and Financial Characteristics of Housing Units With an American Indian, Eskimo, or Aleut Householder for Towns/Townships: 1980**

Table 84. **Fuels and Financial Characteristics of Housing Units With an Asian or Pacific Islander Householder for Areas and Places: 1980**

Table 84a. **Fuels and Financial Characteristics of Housing Units With an Asian or Pacific Islander Householder for Towns/Townships: 1980**

(The above table(s) were omitted because there were no qualifying areas)

Table 85. **Fuels and Financial Characteristics of Housing Units With a Householder of Spanish Origin for Areas and Places: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

SCSA's SMSA's Urbanized Areas Places of 50,000 or More and Central Cities of SMSA's	SMSA's	Urbanized areas	Places
	Burlington, Vt.	Burlington, Vt.	Burlington city
Occupied housing units	**250**	**194**	**71**
HOUSE HEATING FUEL			
Utility gas	59	59	39
Bottled, tank, or LP gas	16	16	9
Electricity	96	80	–
Fuel oil, kerosene, etc	66	33	17
Coal or coke	–	–	–
Wood	13	6	6
Other fuel	–	–	–
No fuel used	–	–	–
WATER HEATING FUEL			
Utility gas	45	45	34
Bottled, tank, or LP gas	7	7	–
Electricity	187	142	37
Fuel oil, kerosene, etc	6	–	–
Other	5	–	–
No fuel used	–	–	–
COOKING FUEL			
Utility gas	28	28	24
Bottled, tank, or LP gas	15	13	9
Electricity	205	153	38
Other	2	–	–
No fuel used	–	–	–
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS			
Specified owner-occupied housing units	**54**	**26**	**7**
With a mortgage	48	20	7
Less than $100	–	–	–
$100 to $149	–	–	–
$150 to $199	–	–	–
$200 to $249	2	–	–
$250 to $299	–	–	–
$300 to $349	5	–	–
$350 to $399	13	13	–
$400 to $449	9	–	–
$450 to $499	9	7	7
$500 to $599	2	–	–
$600 to $749	8	–	–
$750 or more	–	–	–
Median	$422	$388	$475
Not mortgaged	6	6	–
Less than $50	–	–	–
$50 to $74	–	–	–
$75 to $99	–	–	–
$100 to $149	6	6	–
$150 to $199	–	–	–
$200 to $249	–	–	–
$250 or more	–	–	–
Median	$113	$113	–
GROSS RENT			
Specified renter-occupied housing units	**146**	**140**	**44**
Less than $50	–	–	–
$50 to $59	–	–	–
$60 to $79	–	–	–
$80 to $99	–	–	–
$100 to $119	–	–	–
$120 to $149	5	5	5
$150 to $169	–	–	–
$170 to $199	–	–	–
$200 to $249	26	26	15
$250 to $299	41	41	7
$300 to $349	24	18	–
$350 to $399	27	27	5
$400 to $499	18	18	7
$500 or more	5	5	5
No cash rent	–	–	–
Median	$302	$296	$282
HOUSEHOLD INCOME IN 1979			
Occupied housing units	**250**	**194**	**71**
Median income	$16 667	$13 000	$14 792
Owner-occupied housing units	104	54	27
Median income	$20 625	$14 250	$13 542
Renter-occupied housing units	146	140	44
Median income	$11 765	$11 765	$16 250
INCOME IN 1979 BELOW POVERTY LEVEL			
Owner-occupied housing units	**4**	–	–
Percent below poverty level	3.8	–	–
Complete plumbing for exclusive use	4	–	–
1.01 or more persons per room	–	–	–
Lacking complete plumbing for exclusive use	–	–	–
1.01 or more persons per room	–	–	–
Renter-occupied housing units	**43**	**40**	**25**
Percent below poverty level	29.5	28.6	56.8
Complete plumbing for exclusive use	38	35	20
1.01 or more persons per room	–	–	–
Lacking complete plumbing for exclusive use	5	5	5
1.01 or more persons per room	–	–	–

Table 85a. **Fuels and Financial Characteristics of Housing Units With a Householder of Spanish Origin for Towns/ Townships: 1980**

(The above table(s) were omitted because there were no qualifying areas)

Table 86. **Structural Characteristics for Places of 10,000 to 50,000: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Places	Rutland city	South Burlington city
YEAR STRUCTURE BUILT		
Year-round housing units	**7 341**	**3 949**
1979 to March 1980	95	430
1975 to 1978	136	528
1970 to 1974	562	319
1960 to 1969	595	967
1950 to 1959	716	984
1940 to 1949	711	362
1939 or earlier	4 526	359
Owner-occupied housing units	**3 805**	**2 832**
1979 to March 1980	24	204
1975 to 1978	88	298
1970 to 1974	245	200
1960 to 1969	439	807
1950 to 1959	474	792
1940 to 1949	354	299
1939 or earlier	2 181	232
Renter-occupied housing units	**3 168**	**987**
1979 to March 1980	18	189
1975 to 1978	35	217
1970 to 1974	290	97
1960 to 1969	152	150
1950 to 1959	242	176
1940 to 1949	312	42
1939 or earlier	2 119	116
BEDROOMS		
Year-round housing units	**7 341**	**3 949**
None	113	82
1	1 471	302
2	1 989	1 347
3	2 649	1 388
4	910	609
5 or more	209	221
Owner-occupied housing units	**3 805**	**2 832**
None	–	–
1	94	58
2	784	814
3	1 962	1 195
4	781	563
5 or more	184	202
Renter-occupied housing units	**3 168**	**987**
None	106	58
1	1 283	237
2	1 057	498
3	603	147
4	102	34
5 or more	17	13
STORIES IN STRUCTURE		
Year-round housing units	**7 341**	**3 949**
1 to 3	7 229	3 949
4 to 6	28	–
7 to 12	84	–
13 or more	–	–
PASSENGER ELEVATOR		
Year-round housing units	**7 341**	**3 949**
Structures with 4 or more stories	112	–
With elevator	84	–
UNITS IN STRUCTURE		
Year-round housing units	**7 341**	**3 949**
1, detached	3 393	2 469
1, attached	62	260
2	1 488	199
3 and 4	1 127	188
5 to 9	640	240
10 to 49	312	451
50 or more	167	137
Mobile home or trailer, etc	152	5
Owner-occupied housing units	**3 805**	**2 832**
1, detached	2 969	2 234
1, attached	19	173
2	547	81
3 and 4	113	82
5 or more	19	257
Mobile home or trailer, etc	138	5
Renter-occupied housing units	**3 168**	**987**
1, detached	305	212
1, attached	23	43
2	850	108
3 and 4	952	106
5 to 9	614	92
10 to 49	251	296
50 or more	159	130
Mobile home or trailer, etc	14	–
UNITS IN STRUCTURE BY GROSS RENT		
Specified renter-occupied housing units	**3 130**	**975**
1, mobile home or trailer, etc	304	243
Median gross rent	$292	$401
2 or more	2 826	732
Median gross rent	$222	$323

Table 86a. **Structural Characteristics for Towns/Townships of 10,000 to 50,000: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Towns/Townships	Bennington town	Brattleboro town	Colchester town	Essex town	Springfield town
YEAR STRUCTURE BUILT					
Year-round housing units	**5 807**	**4 808**	**4 001**	**4 826**	**4 015**
1979 to March 1980	111	29	209	283	35
1975 to 1978	324	187	649	898	87
1970 to 1974	584	357	977	737	347
1960 to 1969	708	627	1 113	1 047	540
1950 to 1959	498	349	250	711	540
1940 to 1949	482	344	239	264	763
1939 or earlier	3 100	2 915	564	886	1 703
Owner-occupied housing units	**3 407**	**2 369**	**2 896**	**3 321**	**2 633**
1979 to March 1980	83	23	119	138	24
1975 to 1978	260	143	517	514	58
1970 to 1974	345	161	769	534	195
1960 to 1969	566	346	839	870	415
1950 to 1959	322	240	163	612	446
1940 to 1949	262	232	181	166	406
1939 or earlier	1 569	1 224	308	487	1 089
Renter-occupied housing units	**2 050**	**2 211**	**976**	**1 363**	**1 201**
1979 to March 1980	13	–	65	115	7
1975 to 1978	61	44	114	343	22
1970 to 1974	226	191	169	179	142
1960 to 1969	130	227	259	169	115
1950 to 1959	157	97	75	84	80
1940 to 1949	156	105	51	93	317
1939 or earlier	1 307	1 547	243	380	518
BEDROOMS					
Year-round housing units	**5 807**	**4 808**	**4 001**	**4 826**	**4 015**
None	107	171	37	52	90
1	924	1 173	411	426	513
2	1 528	1 330	1 391	1 461	1 221
3	2 282	1 521	1 377	1 807	1 493
4	777	440	634	831	576
5 or more	189	173	151	249	122
Owner-occupied housing units	**3 407**	**2 369**	**2 896**	**3 321**	**2 633**
None	–	–	6	5	–
1	107	125	77	48	130
2	813	615	833	628	687
3	1 665	1 103	1 243	1 635	1 223
4	670	378	608	772	490
5 or more	152	148	129	233	103
Renter-occupied housing units	**2 050**	**2 211**	**976**	**1 363**	**1 201**
None	74	149	22	47	83
1	720	972	312	368	317
2	655	628	504	732	469
3	489	375	100	146	243
4	93	62	21	54	74
5 or more	19	25	17	16	15
STORIES IN STRUCTURE					
Year-round housing units	**5 807**	**4 808**	**4 001**	**4 826**	**4 015**
1 to 3	5 739	4 594	4 001	4 826	3 923
4 to 6	68	214	–	–	40
7 to 12	–	–	–	–	52
13 or more	–	–	–	–	–
PASSENGER ELEVATOR					
Year-round housing units	**5 807**	**4 808**	**4 001**	**4 826**	**4 015**
Structures with 4 or more stories	68	214	–	–	92
With elevator	64	154	–	–	66
UNITS IN STRUCTURE					
Year-round housing units	**5 807**	**4 808**	**4 001**	**4 826**	**4 015**
1, detached	3 218	2 083	2 525	3 120	2 494
1, attached	57	92	41	114	15
2	725	632	331	427	376
3 and 4	713	765	204	318	494
5 to 9	351	579	153	509	250
10 to 49	168	300	264	212	115
50 or more	125	125	–	51	73
Mobile home or trailer, etc	450	232	483	75	198
Owner-occupied housing units	**3 407**	**2 369**	**2 896**	**3 321**	**2 633**
1, detached	2 701	1 792	2 247	2 917	2 250
1, attached	9	–	21	79	8
2	215	269	94	115	144
3 and 4	66	83	18	45	54
5 or more	38	19	87	99	30
Mobile home or trailer, etc	378	206	429	66	147
Renter-occupied housing units	**2 050**	**2 211**	**976**	**1 363**	**1 201**
1, detached	357	204	241	172	175
1, attached	35	85	20	25	7
2	481	312	198	284	204
3 and 4	588	647	168	248	388
5 to 9	275	552	117	392	202
10 to 49	138	278	199	187	103
50 or more	121	120	–	51	73
Mobile home or trailer, etc	55	13	33	4	49
UNITS IN STRUCTURE BY GROSS RENT					
Specified renter-occupied housing units	**1 985**	**2 155**	**931**	**1 340**	**1 148**
1, mobile home or trailer, etc	382	246	249	178	178
Median gross rent	$278	$260	$312	$349	$250
2 or more	1 603	1 909	682	1 162	970
Median gross rent	$212	$215	$285	$281	$201

Table 87. **Equipment and Plumbing Facilities for Places of 10,000 to 50,000: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Places	Rutland city	South Burlington city
Year-round housing units	**7 341**	**3 949**
Complete kitchen facilities	7 252	3 856
BATHROOMS		
No bathroom or only a half bath	160	22
1 complete bathroom	5 339	2 479
1 complete bathroom plus half bath(s)	1 084	655
2 or more complete bathrooms	758	793
SOURCE OF WATER		
Public system or private company	7 322	3 769
Individual drilled well	12	149
Individual dug well	–	18
Some other source	7	13
SEWAGE DISPOSAL		
Public sewer	7 260	3 639
Septic tank or cesspool	67	300
Other means	14	10
AIR CONDITIONING		
None	6 303	3 082
Central system	34	84
1 or more individual room units	1 004	783
HEATING EQUIPMENT		
Year-round housing units	**7 341**	**3 949**
Steam or hot water system	4 144	1 004
Central warm-air furnace	1 837	1 349
Electric heat pump	73	63
Other built-in electric units	450	1 138
Floor, wall, or pipeless furnace	82	4
Room heaters with flue	347	78
Room heaters without flue	78	30
Fireplaces, stoves, or portable room heaters	330	283
None	–	–
Owner-occupied housing units	**3 805**	**2 832**
Steam or hot water system	2 129	738
Central warm-air furnace	1 234	1 088
Electric heat pump	10	33
Other built-in electric units	122	637
Floor, wall, or pipeless furnace	25	4
Room heaters with flue	43	62
Room heaters without flue	21	9
Fireplaces, stoves, or portable room heaters	221	261
None	–	–
Renter-occupied housing units	**3 168**	**987**
Steam or hot water system	1 801	220
Central warm-air furnace	534	233
Electric heat pump	36	30
Other built-in electric units	316	451
Floor, wall, or pipeless furnace	57	–
Room heaters with flue	278	16
Room heaters without flue	57	21
Fireplaces, stoves, or portable room heaters	89	16
None	–	–
Occupied housing units	**6 973**	**3 819**
No telephone	454	111
VEHICLES AVAILABLE		
Total:		
None	1 174	169
1	3 630	1 801
2	1 669	1 312
3 or more	500	537
Automobiles:		
None	1 310	199
1	3 974	1 996
2	1 420	1 231
3 or more	269	393
Trucks or vans:		
None	6 051	3 356
1	910	447
2	12	16
3 or more	–	–
YEAR HOUSEHOLDER MOVED INTO UNIT		
Owner-occupied housing units	**3 805**	**2 832**
1979 to March 1980	326	446
1975 to 1978	789	713
1970 to 1974	494	390
1960 to 1969	804	758
1950 to 1959	620	386
1949 or earlier	772	139
Renter-occupied housing units	**3 168**	**987**
1979 to March 1980	1 281	617
1975 to 1978	910	220
1970 to 1974	451	66
1960 to 1969	325	34
1959 or earlier	201	50
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER		
Occupied housing units	**1 781**	**565**
Owner-occupied housing units	1 017	393
Lacking complete plumbing for exclusive use	24	6
No complete kitchen facilities	28	6
No vehicle available	595	112
No telephone	80	27
Lacking central heating system	113	40
Lacking air conditioning	1 563	433

Table 87a. **Equipment and Plumbing Facilities for Towns/Townships of 10,000 to 50,000: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Towns/Townships	Bennington town	Brattleboro town	Colchester town	Essex town	Springfield town
Year-round housing units	**5 807**	**4 808**	**4 001**	**4 826**	**4 015**
Complete kitchen facilities	5 683	4 679	3 989	4 764	3 944
BATHROOMS					
No bathroom or only a half bath	244	134	81	72	83
1 complete bathroom	3 955	3 590	2 644	2 912	2 810
1 complete bathroom plus half bath(s)	751	572	614	885	619
2 or more complete bathrooms	857	512	662	957	503
SOURCE OF WATER					
Public system or private company	4 835	4 215	3 261	4 187	3 002
Individual drilled well	583	408	430	321	670
Individual dug well	203	98	161	219	225
Some other source	186	87	149	99	118
SEWAGE DISPOSAL					
Public sewer	4 452	4 148	929	2 934	2 600
Septic tank or cesspool	1 301	621	3 011	1 865	1 393
Other means	54	39	61	27	22
AIR CONDITIONING					
None	5 001	3 881	3 432	4 077	3 521
Central system	43	79	75	29	79
1 or more individual room units	763	848	494	720	415
HEATING EQUIPMENT					
Year-round housing units	**5 807**	**4 808**	**4 001**	**4 826**	**4 015**
Steam or hot water system	3 554	1 780	885	1 499	1 534
Central warm-air furnace	1 272	1 781	1 476	1 276	1 576
Electric heat pump	17	54	58	98	20
Other built-in electric units	119	402	793	1 187	159
Floor, wall, or pipeless furnace	82	45	39	52	41
Room heaters with flue	229	252	224	139	206
Room heaters without flue	80	78	108	25	6
Fireplaces, stoves, or portable room heaters	448	409	413	550	455
None	6	7	5	–	18
Owner-occupied housing units	**3 407**	**2 369**	**2 896**	**3 321**	**2 633**
Steam or hot water system	1 923	708	706	1 158	954
Central warm-air furnace	854	1 140	1 222	1 101	1 107
Electric heat pump	11	13	28	20	–
Other built-in electric units	57	54	355	465	82
Floor, wall, or pipeless furnace	48	–	18	25	19
Room heaters with flue	94	98	115	38	57
Room heaters without flue	32	13	86	18	–
Fireplaces, stoves, or portable room heaters	388	343	366	496	414
None	–	–	–	–	–
Renter-occupied housing units	**2 050**	**2 211**	**976**	**1 363**	**1 201**
Steam or hot water system	1 362	975	140	321	498
Central warm-air furnace	362	542	220	151	402
Electric heat pump	6	41	30	68	20
Other built-in electric units	62	334	408	655	77
Floor, wall, or pipeless furnace	34	45	21	27	17
Room heaters with flue	127	154	98	80	143
Room heaters without flue	42	59	22	7	6
Fireplaces, stoves, or portable room heaters	55	61	32	54	32
None	–	–	5	–	6
Occupied housing units	**5 457**	**4 580**	**3 872**	**4 684**	**3 834**
No telephone	405	455	124	92	272
VEHICLES AVAILABLE					
Total:					
None	787	891	125	216	449
1	2 637	2 164	1 668	1 758	1 736
2	1 565	1 155	1 518	1 958	1 220
3 or more	468	370	561	752	429
Automobiles:					
None	893	943	186	254	534
1	3 143	2 535	2 159	2 267	2 164
2	1 215	961	1 197	1 742	944
3 or more	206	141	330	421	192
Trucks or vans:					
None	4 466	3 864	2 908	3 616	2 930
1	904	668	899	1 037	856
2	87	38	59	31	48
3 or more	–	10	6	–	–
YEAR HOUSEHOLDER MOVED INTO UNIT					
Owner-occupied housing units	**3 407**	**2 369**	**2 896**	**3 321**	**2 633**
1979 to March 1980	347	186	419	361	205
1975 to 1978	888	625	1 132	1 092	441
1970 to 1974	569	324	572	646	438
1960 to 1969	664	569	440	719	666
1950 to 1959	468	258	214	337	363
1949 or earlier	471	407	119	166	520
Renter-occupied housing units	**2 050**	**2 211**	**976**	**1 363**	**1 201**
1979 to March 1980	828	875	604	744	460
1975 to 1978	628	808	270	491	429
1970 to 1974	262	249	68	45	174
1960 to 1969	166	153	27	54	76
1959 or earlier	166	126	7	29	62
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER					
Occupied housing units	**1 308**	**1 075**	**432**	**444**	**963**
Owner-occupied housing units	835	570	383	337	675
Lacking complete plumbing for exclusive use	41	15	6	6	8
No complete kitchen facilities	–	20	6	–	15
No vehicle available	359	366	47	126	306
No telephone	14	43	12	6	27
Lacking central heating system	109	85	72	44	83
Lacking air conditioning	1 090	826	334	393	833

Table 88. **Fuels and Financial Characteristics for Places of 10,000 to 50,000: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Places	Rutland city	South Burlington city
Occupied housing units	**6 973**	**3 819**
HOUSE HEATING FUEL		
Utility gas	234	721
Bottled, tank, or LP gas	149	47
Electricity	505	1 157
Fuel oil, kerosene, etc	5 796	1 630
Coal or coke	21	8
Wood	259	256
Other fuel	9	–
No fuel used	–	–
WATER HEATING FUEL		
Utility gas	505	608
Bottled, tank, or LP gas	281	36
Electricity	2 793	2 539
Fuel oil, kerosene, etc	3 355	631
Other	31	–
No fuel used	8	5
COOKING FUEL		
Utility gas	831	145
Bottled, tank, or LP gas	630	90
Electricity	5 438	3 566
Other	59	6
No fuel used	15	12
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS		
Specified owner-occupied housing units	**2 739**	**2 071**
With a mortgage	1 605	1 553
Less than $100	–	–
$100 to $149	–	5
$150 to $199	53	26
$200 to $249	121	117
$250 to $299	299	216
$300 to $349	228	253
$350 to $399	261	182
$400 to $449	246	293
$450 to $499	151	139
$500 to $599	190	172
$600 to $749	39	75
$750 or more	17	75
Median	$369	$394
Not mortgaged	1 134	518
Less than $50	–	6
$50 to $74	–	6
$75 to $99	24	–
$100 to $149	211	90
$150 to $199	392	193
$200 to $249	309	153
$250 or more	198	70
Median	$193	$192
GROSS RENT		
Specified renter-occupied housing units	**3 130**	**975**
Less than $50	27	–
$50 to $59	21	6
$60 to $79	95	29
$80 to $99	39	7
$100 to $119	98	21
$120 to $149	212	32
$150 to $169	169	11
$170 to $199	433	34
$200 to $249	893	55
$250 to $299	637	161
$300 to $349	259	146
$350 to $399	130	202
$400 to $499	63	153
$500 or more	4	72
No cash rent	50	46
Median	$224	$337
HOUSEHOLD INCOME IN 1979		
Occupied housing units	**6 973**	**3 819**
Median income	$13 787	$21 789
Owner-occupied housing units	3 805	2 832
Median income	$19 063	$24 564
Renter-occupied housing units	3 168	987
Median income	$9 892	$15 253
INCOME IN 1979 BELOW POVERTY LEVEL		
Owner-occupied housing units	**207**	**98**
Percent below poverty level	5.4	3.5
Complete plumbing for exclusive use	207	92
1.01 or more persons per room	–	–
Lacking complete plumbing for exclusive use	–	6
1.01 or more persons per room	–	–
Renter-occupied housing units	**627**	**151**
Percent below poverty level	19.8	15.3
Complete plumbing for exclusive use	601	151
1.01 or more persons per room	25	–
Lacking complete plumbing for exclusive use	26	–
1.01 or more persons per room	–	–

Table 88a. **Fuels and Financial Characteristics for Towns/Townships of 10,000 to 50,000: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Towns/Townships	Bennington town	Brattleboro town	Colchester town	Essex town	Springfield town
Occupied housing units	**5 457**	**4 580**	**3 872**	**4 684**	**3 834**
HOUSE HEATING FUEL					
Utility gas	160	66	143	672	239
Bottled, tank, or LP gas	109	377	331	88	235
Electricity	150	452	827	1 219	179
Fuel oil, kerosene, etc	4 586	3 213	2 171	2 135	2 734
Coal or coke	8	66	17	47	19
Wood	432	400	371	518	418
Other fuel	12	6	7	5	4
No fuel used	–	–	5	–	6
WATER HEATING FUEL					
Utility gas	208	65	127	537	487
Bottled, tank, or LP gas	407	790	409	161	509
Electricity	1 558	1 982	2 444	2 797	1 610
Fuel oil, kerosene, etc	3 208	1 652	872	1 148	1 181
Other	74	76	20	35	34
No fuel used	2	15	–	6	13
COOKING FUEL					
Utility gas	264	124	67	235	542
Bottled, tank, or LP gas	1 012	1 363	801	352	823
Electricity	4 135	2 991	2 993	4 077	2 430
Other	40	75	11	6	39
No fuel used	6	27	–	14	–
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS					
Specified owner-occupied housing units	**2 421**	**1 583**	**1 973**	**2 603**	**1 985**
With a mortgage	1 443	874	1 604	2 150	1 110
Less than $100	7	–	7	3	–
$100 to $149	15	–	7	–	8
$150 to $199	57	26	53	10	76
$200 to $249	119	106	144	187	217
$250 to $299	188	102	259	267	195
$300 to $349	199	151	233	307	202
$350 to $399	288	150	249	389	121
$400 to $449	154	135	154	281	59
$450 to $499	137	58	138	251	82
$500 to $599	157	92	150	245	98
$600 to $749	77	47	142	170	37
$750 or more	45	7	68	40	15
Median	$374	$367	$370	$389	$315
Not mortgaged	978	709	369	453	875
Less than $50	–	–	8	–	5
$50 to $74	10	–	–	–	–
$75 to $99	30	–	29	5	36
$100 to $149	270	81	110	141	271
$150 to $199	346	263	111	174	357
$200 to $249	176	224	81	117	133
$250 or more	146	141	30	16	73
Median	$177	$202	$170	$174	$167
GROSS RENT					
Specified renter-occupied housing units	**1 985**	**2 155**	**931**	**1 340**	**1 148**
Less than $50	–	4	–	–	6
$50 to $59	5	15	–	5	8
$60 to $79	48	118	–	31	53
$80 to $99	35	74	6	4	35
$100 to $119	69	69	5	–	86
$120 to $149	187	142	11	37	78
$150 to $169	160	132	15	35	65
$170 to $199	247	300	74	82	177
$200 to $249	436	546	156	258	336
$250 to $299	404	435	229	239	183
$300 to $349	191	141	220	284	68
$350 to $399	42	73	98	153	6
$400 to $499	42	36	40	127	7
$500 or more	19	22	45	25	–
No cash rent	100	48	32	60	40
Median	$226	$219	$289	$288	$207
HOUSEHOLD INCOME IN 1979					
Occupied housing units	**5 457**	**4 580**	**3 872**	**4 684**	**3 834**
Median income	$13 918	$13 277	$18 237	$22 315	$16 532
Owner-occupied housing units	3 407	2 369	2 896	3 321	2 633
Median income	$17 007	$18 772	$20 350	$25 772	$19 649
Renter-occupied housing units	2 050	2 211	976	1 363	1 201
Median income	$9 974	$8 617	$12 773	$14 414	$9 576
INCOME IN 1979 BELOW POVERTY LEVEL					
Owner-occupied housing units	**209**	**104**	**92**	**109**	**88**
Percent below poverty level	6.1	4.4	3.2	3.3	3.3
Complete plumbing for exclusive use	202	96	92	98	88
1.01 or more persons per room	–	–	–	–	–
Lacking complete plumbing for exclusive use	7	8	–	11	–
1.01 or more persons per room	–	–	–	–	–
Renter-occupied housing units	**442**	**548**	**152**	**195**	**264**
Percent below poverty level	21.6	24.8	15.6	14.3	22.0
Complete plumbing for exclusive use	418	541	152	171	249
1.01 or more persons per room	20	16	–	–	6
Lacking complete plumbing for exclusive use	24	7	–	24	15
1.01 or more persons per room	5	–	–	–	–

Table 89. **Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Places of 10,000 to 50,000: 1980**

Table 89a. **Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Towns/Townships of 10,000 to 50,000: 1980**

Table 90. **Fuels and Financial Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Places of 10,000 to 50,000: 1980**

Table 90a. **Fuels and Financial Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Towns/Townships of 10,000 to 50,000: 1980**

(The above table(s) were omitted because there were no qualifying areas)

Table 91. **Selected Characteristics for Places of 2,500 to 10,000: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Places	Barre city	Bellows Falls village	Bennington (CDP)	Brattleboro (CDP)	Essex Junction village	Middlebury (CDP)	Montpelier city	Newport city	St. Albans city	St. Johnsbury (CDP)	Springfield (CDP)	Swanton village	West Brattleboro (CDP)	White River Junction (CDP)	Winooski city
Year-round housing units	**4 152**	**1 483**	**3 697**	**3 424**	**2 547**	**1 503**	**3 423**	**1 907**	**3 077**	**3 095**	**2 369**	**978**	**1 203**	**1 073**	**2 400**
Complete kitchen facilities	4 070	1 464	3 603	3 302	2 505	1 489	3 389	1 894	3 040	3 032	2 329	978	1 196	1 062	2 379
YEAR STRUCTURE BUILT															
1979 to March 1980	6	–	47	9	109	39	39	32	85	16	11	22	17	36	52
1975 to 1978	81	38	146	59	359	149	126	142	116	79	14	49	105	47	128
1970 to 1974	292	39	197	91	232	152	191	44	160	170	133	112	262	77	174
1960 to 1969	326	22	317	193	363	177	440	107	85	255	130	109	374	153	242
1940 to 1959	548	215	657	483	872	218	481	240	489	341	877	141	194	229	516
1939 or earlier	2 899	1 169	2 333	2 589	612	768	2 146	1 342	2 142	2 234	1 204	545	251	531	1 288
HEATING EQUIPMENT															
Steam or hot water system	1 900	615	2 480	1 431	715	660	1 580	835	1 585	1 194	1 032	270	290	423	777
Central warm-air furnace	980	561	658	1 235	800	295	1 041	582	820	991	890	487	502	379	565
Electric heat pump	72	13	6	24	47	7	23	6	58	29	20	–	30	4	71
Other built-in electric units	501	47	66	170	626	188	480	130	57	162	83	71	218	136	390
Other means or none	699	247	487	564	359	353	299	354	557	719	344	150	163	131	597
BEDROOMS															
None	203	23	82	147	41	24	111	25	45	62	73	7	24	6	27
1	866	320	734	852	319	229	690	377	753	695	370	70	272	259	565
2	1 187	433	920	908	792	470	950	493	991	883	720	362	400	363	727
3	1 348	534	1 395	1 056	865	507	1 030	705	822	1 007	820	371	397	320	716
4	418	122	465	331	422	204	468	228	400	368	313	135	83	112	286
5 or more	130	51	101	130	108	69	174	79	66	80	73	33	27	13	79
UNITS IN STRUCTURE															
1, mobile home or trailer, etc	1 959	465	2 114	1 493	1 624	857	1 766	1 002	1 420	1 354	1 280	683	757	530	1 029
2 to 4	1 366	771	1 153	1 194	476	374	913	636	1 075	1 060	729	253	181	323	918
5 to 9	438	118	289	391	268	143	425	147	268	307	194	20	186	173	188
10 to 49	181	82	84	249	128	122	253	122	314	325	93	22	51	43	90
50 or more	208	47	57	97	51	7	66	–	–	49	73	–	28	4	175
BATHROOMS															
No bathroom or only a half bath	125	57	175	119	32	37	96	35	111	137	45	12	15	43	58
1 complete bathroom	2 987	1 146	2 652	2 575	1 694	914	2 235	1 450	2 345	2 321	1 702	772	903	824	1 934
1 complete bathroom plus half bath(s)	645	153	428	400	465	238	642	270	380	437	357	130	157	154	252
2 or more complete bathrooms	395	127	442	330	356	314	450	152	241	200	265	64	128	52	156
AIR CONDITIONING															
None	3 694	1 266	3 164	2 746	2 107	1 351	3 153	1 806	2 696	2 843	2 114	772	991	915	1 966
Central system	40	8	41	69	23	–	8	12	5	–	40	16	6	19	84
1 or more individual room units	418	209	492	609	417	152	262	89	376	252	215	190	206	139	350
Occupied housing units	**4 003**	**1 359**	**3 455**	**3 272**	**2 480**	**1 445**	**3 254**	**1 797**	**2 836**	**2 882**	**2 233**	**932**	**1 157**	**1 026**	**2 330**
No telephone	329	198	266	393	66	81	246	146	212	361	221	52	62	85	155
YEAR HOUSEHOLDER MOVED INTO UNIT															
1979 to March 1980	943	339	738	835	612	400	788	486	727	686	440	126	209	351	550
1975 to 1978	955	371	872	917	684	414	874	425	646	779	465	274	462	246	638
1970 to 1974	633	185	474	398	309	180	441	222	393	386	335	134	165	132	311
1960 to 1969	662	165	563	503	438	235	565	231	410	421	383	116	186	138	280
1959 or earlier	810	299	808	619	437	216	586	433	660	610	610	282	135	159	551
HOUSE HEATING FUEL															
Utility gas	327	4	149	59	625	–	98	9	1 203	207	232	219	7	–	1 092
Bottled, tank, or LP gas	50	80	61	312	31	91	60	35	40	134	89	–	49	73	44
Electricity	566	51	78	204	645	191	480	136	109	177	103	84	242	147	474
Fuel oil, kerosene, etc	2 759	1 132	2 954	2 395	988	980	2 411	1 423	1 408	2 121	1 640	609	748	740	686
Coal or coke	18	24	–	66	6	–	32	5	9	16	14	–	–	–	–
Wood	266	68	201	236	180	183	173	189	67	227	149	20	105	60	27
Other fuel	17	–	12	–	5	–	–	–	–	–	–	–	6	6	–
No fuel used	–	–	–	–	–	–	–	–	–	–	6	–	–	–	7
VEHICLES AVAILABLE															
None	772	362	634	720	158	242	570	338	604	542	373	163	171	133	548
1	2 011	624	1 738	1 582	1 078	624	1 626	886	1 378	1 331	1 128	398	528	582	1 116
2	996	320	849	744	921	460	888	463	670	742	585	261	342	217	516
3 or more	224	53	234	226	323	119	170	110	184	267	147	110	116	94	150
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER															
Occupied housing units	**1 132**	**357**	**953**	**729**	**323**	**375**	**956**	**462**	**832**	**709**	**676**	**212**	**327**	**199**	**558**
Owner-occupied housing units	562	162	565	418	228	227	539	223	467	340	432	146	133	127	288
Lacking complete plumbing for exclusive use	18	7	31	15	–	6	23	–	10	20	–	–	–	18	15
No complete kitchen facilities	14	7	–	20	–	–	–	–	5	20	–	–	–	–	–
No vehicle available	449	189	322	239	79	145	327	159	335	264	259	73	127	47	250
No telephone	27	27	11	36	–	14	38	27	28	64	19	–	7	6	28
Lacking central heating system	91	26	61	61	29	30	22	26	116	119	45	46	16	26	126
Lacking air conditioning	945	301	793	553	272	329	849	448	756	647	600	193	254	168	386
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS															
Specified owner-occupied housing units	**1 592**	**345**	**1 533**	**1 105**	**1 341**	**591**	**1 446**	**801**	**1 076**	**977**	**1 056**	**474**	**402**	**399**	**827**
With a mortgage	929	227	854	592	1 002	363	902	456	596	626	531	257	255	256	424
Less than $100	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
$100 to $199	114	6	42	20	5	5	63	55	39	12	22	18	6	9	12
$200 to $299	282	97	204	154	281	91	241	173	149	263	212	154	54	82	143
$300 to $399	301	67	304	203	397	102	256	156	211	199	170	51	93	85	148
$400 to $599	212	52	255	187	280	149	260	58	155	139	107	28	79	80	115
$600 or more	20	5	49	28	39	16	82	14	42	13	20	6	23	–	6
Median	$327	$317	$368	$356	$362	$383	$349	$300	$349	$318	$313	$275	$375	$336	$354
Not mortgaged	663	118	679	513	339	228	544	345	480	351	525	217	147	143	403
Median	$170	$184	$177	$201	$166	$203	$205	$164	$183	$170	$172	$156	$208	$183	$185
GROSS RENT															
Specified renter-occupied housing units	**1 972**	**757**	**1 434**	**1 710**	**838**	**622**	**1 424**	**776**	**1 398**	**1 441**	**893**	**278**	**427**	**482**	**1 237**
Less than $80	206	50	30	53	36	41	82	40	111	100	67	8	84	26	70
$80 to $99	47	7	29	31	4	–	34	24	28	7	35	7	43	24	63
$100 to $149	268	56	148	179	37	19	239	146	95	233	156	9	32	66	70
$150 to $199	509	179	320	388	106	106	329	253	367	445	189	54	33	62	189
$200 to $299	774	381	660	803	280	295	538	287	565	482	375	128	171	225	518
$300 to $399	97	58	144	173	242	109	152	16	169	101	45	56	41	47	215
$400 or more	18	–	29	42	104	16	20	–	30	13	7	–	16	10	79
No cash rent	53	26	74	41	29	36	30	10	33	60	19	16	7	22	33
Median	$194	$215	$226	$219	$270	$235	$202	$184	$211	$191	$198	$235	$217	$218	$235
MEDIAN HOUSEHOLD INCOME IN 1979															
Occupied housing units	**$12 233**	**$11 754**	**$13 235**	**$13 227**	**$20 644**	**$15 716**	**$14 347**	**$12 492**	**$11 982**	**$13 217**	**$14 841**	**$14 253**	**$12 917**	**$13 333**	**$12 628**
Owner-occupied housing units	$17 243	$17 801	$16 422	$19 410	$24 476	$21 395	$20 054	$16 845	$17 752	$18 858	$19 182	$17 083	$17 384	$17 835	$19 664
Renter-occupied housing units	$8 578	$7 828	$10 005	$8 945	$12 679	$10 352	$8 869	$7 770	$8 695	$8 716	$9 038	$9 034	$7 160	$10 130	$8 849

Table 91a. **Selected Characteristics for Towns/Townships of 2,500 to 10,000: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Towns/Townships	Barre town	Barton town	Brandon town	Bristol town	Castleton town	Charlotte town	Chester town	Derby town	Fair Haven town	Georgia town	Hardwick town	Hartford town	Hinesburg town
Year-round housing units	**2 335**	**1 190**	**1 486**	**1 170**	**1 158**	**858**	**1 083**	**1 576**	**1 018**	**861**	**1 081**	**3 192**	**937**
Complete kitchen facilities	2 329	1 179	1 471	1 150	1 132	839	1 054	1 571	1 007	852	1 060	3 160	917
YEAR STRUCTURE BUILT													
1979 to March 1980	61	29	63	100	40	33	17	53	13	49	11	176	49
1975 to 1978	123	94	104	94	158	122	84	145	15	153	102	423	155
1970 to 1974	337	54	117	151	259	158	104	183	81	207	116	364	219
1960 to 1969	565	105	154	169	174	139	121	375	134	166	90	368	204
1940 to 1959	380	65	182	103	121	74	209	185	135	70	53	515	47
1939 or earlier	869	843	866	553	406	332	548	635	640	216	709	1 346	263
HEATING EQUIPMENT													
Steam or hot water system	655	367	552	394	392	194	192	337	367	199	228	960	200
Central warm-air furnace	783	487	441	372	405	233	433	696	440	348	474	1 046	320
Electric heat pump	41	5	11	12	–	5	–	20	11	4	–	28	7
Other built-in electric units	279	50	42	27	76	122	44	129	36	28	53	545	78
Other means or none	577	281	440	365	285	304	414	394	164	282	326	613	332
BEDROOMS													
None	–	4	1	14	26	17	18	2	12	3	12	23	2
1	81	131	220	161	193	42	156	138	95	42	157	526	58
2	445	323	401	363	304	202	333	565	276	172	295	1 002	307
3	1 208	423	523	365	380	282	335	552	370	431	395	1 137	327
4	467	230	278	210	197	198	174	260	197	157	160	398	185
5 or more	134	79	63	57	58	117	67	59	68	56	62	106	58
UNITS IN STRUCTURE													
1, mobile home or trailer, etc	1 946	745	1 162	885	938	730	868	1 290	750	798	786	2 131	859
2 to 4	365	345	238	225	104	124	170	145	209	63	176	571	66
5 to 9	18	61	64	43	66	2	27	114	54	–	66	379	7
10 to 49	6	39	19	17	50	2	18	27	5	–	53	96	5
50 or more	–	–	3	–	–	–	–	–	–	–	–	15	–
BATHROOMS													
No bathroom or only a half bath	43	40	53	43	26	28	54	11	28	17	40	123	39
1 complete bathroom	1 460	813	1 025	818	810	379	737	1 111	702	624	811	2 179	624
1 complete bathroom plus half bath(s)	401	206	210	145	116	148	119	267	174	124	156	445	140
2 or more complete bathrooms	431	131	198	164	206	303	173	187	114	96	74	445	134
AIR CONDITIONING													
None	2 224	1 106	1 313	1 092	982	791	984	1 499	883	767	1 034	2 817	887
Central system	–	1	10	24	13	3	11	6	5	10	–	19	2
1 or more individual room units	111	83	163	54	163	64	88	71	130	84	47	356	48
Occupied housing units	**2 256**	**1 087**	**1 388**	**1 106**	**1 083**	**824**	**1 010**	**1 489**	**965**	**835**	**928**	**2 958**	**895**
No telephone	39	68	129	156	89	40	65	53	105	43	156	168	54
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	307	226	280	272	260	179	173	296	199	151	184	756	203
1975 to 1978	534	260	416	345	366	248	261	424	146	293	245	827	334
1970 to 1974	368	177	197	174	145	158	201	277	181	160	172	475	155
1960 to 1969	621	168	210	127	126	106	156	314	236	143	159	416	117
1959 or earlier	426	256	285	188	186	133	219	178	203	88	168	484	86
HOUSE HEATING FUEL													
Utility gas	7	–	6	–	–	–	–	–	–	3	–	12	4
Bottled, tank, or LP gas	121	41	66	35	80	18	79	90	59	17	92	187	40
Electricity	300	52	47	43	57	127	26	142	59	32	45	481	90
Fuel oil, kerosene, etc	1 393	863	991	798	758	427	616	1 010	747	565	606	1 873	480
Coal or coke	26	–	18	4	12	5	6	–	10	12	8	–	–
Wood	409	131	260	226	170	247	283	233	90	204	175	399	279
Other fuel	–	–	–	–	–	–	–	3	–	2	–	6	2
No fuel used	–	–	–	–	6	–	–	11	–	–	2	–	–
VEHICLES AVAILABLE													
None	98	168	155	166	48	14	73	82	92	25	149	268	36
1	876	489	608	451	473	227	344	757	428	284	400	1 266	319
2	923	315	420	320	335	335	406	431	325	370	281	959	366
3 or more	359	115	205	169	227	248	187	219	120	156	98	465	174
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER													
Occupied housing units	**398**	**270**	**441**	**250**	**237**	**129**	**225**	**340**	**241**	**111**	**252**	**560**	**74**
Owner-occupied housing units	365	177	305	195	157	123	166	247	200	102	155	405	64
Lacking complete plumbing for exclusive use	10	5	13	–	4	9	5	2	–	4	6	39	8
No complete kitchen facilities	–	–	3	2	–	6	5	–	5	2	–	–	2
No vehicle available	33	90	105	100	22	12	66	57	42	13	106	116	12
No telephone	–	11	22	24	8	1	20	2	13	2	44	6	7
Lacking central heating system	66	38	122	35	35	36	42	41	–	35	55	91	23
Lacking air conditioning	387	246	388	230	203	121	196	322	188	100	237	499	71
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
Specified owner-occupied housing units	**1 534**	**410**	**677**	**519**	**478**	**348**	**443**	**693**	**469**	**485**	**376**	**1 404**	**350**
With a mortgage	1 073	229	362	314	277	264	263	458	222	388	207	956	278
Less than $100	–	–	–	6	–	2	–	–	–	–	–	–	–
$100 to $199	71	56	33	16	19	14	16	20	42	5	30	33	7
$200 to $299	387	107	79	97	66	56	88	243	65	102	93	249	78
$300 to $399	381	38	147	155	75	59	98	133	103	152	68	277	85
$400 to $599	214	25	96	38	112	94	61	62	12	118	16	338	83
$600 or more	20	3	7	2	5	39	–	–	–	11	–	59	25
Median	$317	$256	$335	$319	$376	$402	$329	$284	$303	$354	$276	$370	$360
Not mortgaged	461	181	315	205	201	84	180	235	247	97	169	448	72
Median	$172	$152	$154	$164	$180	$163	$173	$144	$166	$159	$152	$177	$168
GROSS RENT													
Specified renter-occupied housing units	**292**	**350**	**395**	**291**	**328**	**132**	**251**	**345**	**275**	**90**	**264**	**933**	**143**
Less than $80	6	35	11	12	17	–	–	6	8	2	27	26	–
$80 to $99	8	2	14	8	19	2	–	12	–	–	14	24	2
$100 to $149	27	57	57	16	22	8	17	64	15	2	52	76	2
$150 to $199	61	119	88	54	50	13	61	88	78	2	78	114	18
$200 to $299	135	103	165	151	112	40	94	136	97	26	63	457	57
$300 to $399	38	5	32	22	31	31	33	8	49	32	9	135	31
$400 or more	4	5	6	12	23	14	14	3	–	3	–	30	17
No cash rent	13	24	22	16	54	24	32	28	28	23	21	71	16
Median	$221	$178	$206	$226	$231	$283	$220	$195	$226	$305	$159	$236	$283
MEDIAN HOUSEHOLD INCOME IN 1979													
Occupied housing units	**$17 733**	**$11 839**	**$12 371**	**$12 871**	**$14 600**	**$21 169**	**$15 161**	**$14 015**	**$14 871**	**$18 596**	**$9 820**	**$15 918**	**$16 548**
Owner-occupied housing units	$19 254	$14 256	$15 450	$14 167	$16 456	$23 556	$16 611	$15 930	$15 467	$19 354	$12 284	$18 879	$17 807
Renter-occupied housing units	$12 058	$8 050	$7 488	$8 681	$7 233	$13 750	$10 694	$9 760	$12 813	$11 458	$6 150	$10 300	$12 500

Table 91a. **Selected Characteristics for Towns/Townships of 2,500 to 10,000: 1980**—Con.

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Towns/Townships	Jericho town	Johnson town	Lyndon town	Manchester town	Middlebury town	Milton town	Morristown town	Northfield town	Pittsford town	Poultney town	Pownal town	Randolph town	Richmond town
Year-round housing units	**1 048**	**869**	**1 728**	**1 563**	**2 231**	**2 170**	**1 805**	**1 589**	**1 013**	**1 145**	**1 283**	**1 572**	**1 072**
Complete kitchen facilities	1 045	862	1 691	1 555	2 202	2 142	1 783	1 555	989	1 133	1 245	1 550	1 061
YEAR STRUCTURE BUILT													
1979 to March 1980	32	34	34	89	58	136	74	45	41	2	28	43	51
1975 to 1978	205	75	208	105	187	472	111	89	61	93	135	133	194
1970 to 1974	266	174	270	174	248	479	206	184	98	121	181	164	225
1960 to 1969	200	111	131	304	332	530	335	169	123	111	358	181	207
1940 to 1959	64	47	206	175	367	162	190	210	147	96	134	142	74
1939 or earlier	281	428	879	716	1 039	391	889	892	543	722	447	909	321
HEATING EQUIPMENT													
Steam or hot water system	362	134	493	645	876	520	611	451	324	495	372	418	234
Central warm-air furnace	309	241	699	390	571	957	553	575	316	397	557	551	377
Electric heat pump	–	71	12	7	11	15	13	17	4	3	4	9	14
Other built-in electric units	123	171	38	231	218	157	173	128	43	42	18	126	113
Other means or none	254	252	486	290	555	521	455	418	326	208	332	468	334
BEDROOMS													
None	–	17	11	12	24	30	19	14	12	4	30	14	4
1	52	143	199	194	287	161	292	226	108	157	160	267	90
2	117	242	523	386	685	536	502	383	309	279	462	393	315
3	522	279	618	561	771	1 032	606	569	372	439	436	496	450
4	252	141	248	272	336	270	320	282	128	190	91	276	174
5 or more	105	47	129	138	128	141	66	115	84	76	104	126	39
UNITS IN STRUCTURE													
1, mobile home or trailer, etc	938	586	1 124	1 163	1 490	1 883	1 200	1 167	803	873	1 126	1 085	897
2 to 4	110	107	452	248	469	178	391	331	158	217	123	303	132
5 to 9	–	92	67	119	143	29	130	57	40	32	26	125	43
10 to 49	–	36	85	24	122	80	84	34	12	21	8	58	–
50 or more	–	48	–	9	7	–	–	–	–	2	–	1	–
BATHROOMS													
No bathroom or only a half bath	9	55	48	41	79	37	42	83	39	61	50	78	21
1 complete bathroom	523	623	1 222	780	1 363	1 647	1 282	1 056	712	757	980	1 044	675
1 complete bathroom plus half bath(s)	187	98	239	204	340	262	264	291	133	194	129	256	169
2 or more complete bathrooms	329	93	219	538	449	224	217	159	129	133	124	194	207
AIR CONDITIONING													
None	952	825	1 647	1 426	2 011	1 957	1 699	1 471	913	1 010	1 122	1 494	966
Central system	7	8	–	15	–	18	10	5	8	2	6	7	1
1 or more individual room units	89	36	81	122	220	195	96	113	92	133	155	71	105
Occupied housing units	**1 029**	**811**	**1 644**	**1 251**	**2 142**	**2 080**	**1 619**	**1 497**	**956**	**1 039**	**1 132**	**1 487**	**1 032**
No telephone	24	104	139	31	112	102	111	73	62	82	118	171	88
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	159	295	370	240	557	470	371	344	206	114	223	315	250
1975 to 1978	424	195	478	396	627	796	411	400	240	301	341	431	351
1970 to 1974	210	100	323	180	289	396	233	230	142	202	184	262	262
1960 to 1969	142	100	172	234	352	262	329	256	129	109	228	233	98
1959 or earlier	94	121	301	201	317	156	275	267	239	313	156	246	71
HOUSE HEATING FUEL													
Utility gas	2	–	–	–	–	242	10	2	3	5	–	6	–
Bottled, tank, or LP gas	51	48	172	41	173	61	120	31	82	60	48	67	42
Electricity	126	213	50	204	225	160	168	141	40	39	22	129	129
Fuel oil, kerosene, etc	623	408	1 156	795	1 412	1 267	1 039	1 003	662	790	854	966	587
Coal or coke	5	–	5	–	–	9	15	11	4	8	–	22	5
Wood	222	142	259	211	332	341	267	304	165	135	208	293	269
Other fuel	–	–	–	–	–	–	–	3	–	–	–	4	–
No fuel used	–	–	2	–	–	–	–	2	–	2	–	–	–
VEHICLES AVAILABLE													
None	9	100	201	84	272	97	242	162	52	132	47	176	22
1	327	367	753	541	904	745	734	741	336	426	502	695	412
2	473	234	554	438	744	791	484	430	384	331	373	426	389
3 or more	220	110	136	188	222	447	159	164	184	150	210	190	209
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER													
Occupied housing units	**87**	**158**	**328**	**329**	**498**	**178**	**453**	**332**	**188**	**290**	**166**	**410**	**97**
Owner-occupied housing units	87	131	210	254	345	137	241	227	158	208	151	284	77
Lacking complete plumbing for exclusive use	3	13	9	9	13	7	9	30	11	12	10	10	3
No complete kitchen facilities	–	1	9	–	–	–	–	7	9	–	–	4	–
No vehicle available	2	50	78	61	170	30	147	97	31	102	10	92	16
No telephone	–	6	17	1	14	4	10	8	10	14	5	31	2
Lacking central heating system	18	49	35	31	42	43	59	53	41	37	19	77	8
Lacking air conditioning	83	149	304	309	439	174	422	308	175	237	156	375	92
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
Specified owner-occupied housing units	**649**	**232**	**651**	**590**	**930**	**1 048**	**690**	**644**	**423**	**497**	**490**	**613**	**464**
With a mortgage	544	133	462	342	575	867	428	408	253	222	363	404	400
Less than $100	–	–	–	–	–	–	–	11	–	–	–	2	–
$100 to $199	9	17	38	7	10	33	18	53	24	29	23	9	8
$200 to $299	99	49	179	52	146	260	175	109	90	58	125	152	97
$300 to $399	151	32	179	87	180	317	145	144	85	106	121	138	115
$400 to $599	216	35	52	132	223	223	76	74	43	28	83	91	152
$600 or more	69	–	14	64	16	34	14	17	11	1	11	12	28
Median	$409	$301	$310	$426	$374	$343	$311	$323	$312	$324	$318	$325	$384
Not mortgaged	105	99	189	248	355	181	262	236	170	275	127	209	64
Median	$192	$150	$148	$159	$194	$144	$163	$161	$158	$169	$147	$173	$180
GROSS RENT													
Specified renter-occupied housing units	**84**	**300**	**544**	**351**	**771**	**327**	**560**	**442**	**228**	**259**	**218**	**443**	**194**
Less than $80	–	2	50	19	41	6	27	8	–	10	–	40	–
$80 to $99	–	2	3	9	–	11	11	11	4	13	–	19	–
$100 to $149	–	27	56	13	27	12	69	70	14	29	10	27	3
$150 to $199	3	84	153	53	138	24	115	116	40	73	42	103	29
$200 to $299	34	139	229	143	352	154	259	150	92	93	116	181	76
$300 to $399	30	21	25	55	134	78	18	39	44	20	19	40	63
$400 or more	10	–	–	15	24	18	1	5	10	5	–	11	2
No cash rent	7	25	28	44	55	24	60	43	24	16	31	22	21
Median	$306	$209	$196	$223	$234	$264	$205	$199	$227	$199	$223	$206	$242
MEDIAN HOUSEHOLD INCOME IN 1979													
Occupied housing units	**$22 859**	**$11 178**	**$12 383**	**$15 810**	**$15 845**	**$17 197**	**$12 550**	**$14 626**	**$15 219**	**$14 394**	**$14 716**	**$12 052**	**$20 076**
Owner-occupied housing units	$24 156	$14 536	$15 452	$17 839	$19 977	$18 212	$15 792	$16 691	$15 821	$16 309	$16 740	$15 910	$22 061
Renter-occupied housing units	$11 250	$7 239	$8 169	$12 250	$10 597	$13 214	$8 451	$7 825	$12 560	$9 833	$10 506	$8 281	$12 500

Table 91a. **Selected Characteristics for Towns/Townships of 2,500 to 10,000: 1980**—Con.

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Towns/Townships	Rockingham town	Rutland town	St. Albans town	St. Johnsbury town	Shaftsbury town	Shelburne town	Stowe town	Swanton town	Waterbury town	Weathersfield town	Williston town	Windsor town	Woodstock town
Year-round housing units	**2 261**	**1 154**	**1 180**	**3 373**	**1 162**	**1 692**	**1 418**	**1 830**	**1 616**	**979**	**1 266**	**1 560**	**1 415**
Complete kitchen facilities	2 215	1 137	1 154	3 310	1 137	1 673	1 402	1 797	1 586	957	1 237	1 547	1 406
YEAR STRUCTURE BUILT													
1979 to March 1980	2	29	28	16	38	90	106	64	81	39	43	14	42
1975 to 1978	63	184	147	104	123	198	174	242	133	82	233	53	67
1970 to 1974	146	207	121	221	132	260	163	283	288	198	156	56	158
1960 to 1969	147	263	223	316	189	631	295	266	205	242	429	118	151
1940 to 1959	341	213	209	385	223	244	165	230	138	164	98	323	180
1939 or earlier	1 562	258	452	2 331	457	269	515	745	771	254	307	996	817
HEATING EQUIPMENT													
Steam or hot water system	780	452	379	1 261	531	604	621	535	331	167	432	686	437
Central warm-air furnace	874	330	362	1 058	294	448	335	817	563	390	373	531	532
Electric heat pump	13	–	8	40	–	31	13	–	3	–	–	–	2
Other built-in electric units	75	115	53	170	68	257	224	127	210	40	151	34	75
Other means or none	519	257	378	844	269	352	225	351	509	382	310	309	369
BEDROOMS													
None	33	6	–	68	14	46	74	7	36	8	15	14	18
1	395	97	91	723	102	110	243	94	250	61	42	278	185
2	607	189	351	965	338	317	280	653	475	390	252	519	373
3	818	585	513	1 120	460	638	472	757	607	352	600	529	512
4	298	221	198	392	198	480	237	256	188	115	300	169	261
5 or more	110	56	27	105	50	101	112	63	60	53	57	51	66
UNITS IN STRUCTURE													
1, mobile home or trailer, etc	1 122	990	1 009	1 607	1 031	1 414	871	1 482	1 132	926	1 118	926	1 058
2 to 4	879	130	148	1 074	131	227	331	296	363	42	117	407	286
5 to 9	131	8	7	313	–	18	94	30	99	11	31	70	69
10 to 49	82	26	16	330	–	33	111	22	20	–	–	12	2
50 or more	47	–	–	49	–	–	11	–	2	–	–	145	–
BATHROOMS													
No bathroom or only a half bath	113	–	36	158	39	19	21	47	44	39	14	47	42
1 complete bathroom	1 647	595	891	2 511	733	736	725	1 420	1 154	678	628	1 192	723
1 complete bathroom plus half bath(s)	268	225	128	476	157	320	172	231	175	149	363	159	222
2 or more complete bathrooms	233	334	125	228	233	617	500	132	243	113	261	162	428
AIR CONDITIONING													
None	1 963	945	1 027	3 102	1 026	1 350	1 351	1 518	1 470	890	1 103	1 438	1 279
Central system	10	17	4	–	5	20	2	30	15	12	5	4	19
1 or more individual room units	288	192	149	271	131	322	65	282	131	77	158	118	117
Occupied housing units	**2 075**	**1 087**	**1 077**	**3 137**	**1 061**	**1 613**	**1 194**	**1 746**	**1 504**	**914**	**1 210**	**1 475**	**1 261**
No telephone	248	32	34	378	39	47	92	74	131	83	16	117	34
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	427	180	124	720	170	284	430	278	322	189	218	256	238
1975 to 1978	579	338	295	851	278	614	298	514	443	226	369	494	333
1970 to 1974	291	203	190	428	162	277	154	304	310	207	269	248	196
1960 to 1969	318	175	175	483	224	335	165	256	192	178	196	189	237
1959 or earlier	460	191	293	655	227	103	147	394	237	114	158	288	257
HOUSE HEATING FUEL													
Utility gas	4	–	97	207	–	12	20	226	22	6	–	21	–
Bottled, tank, or LP gas	98	15	30	142	19	53	125	16	170	92	33	78	121
Electricity	79	92	55	185	60	293	173	140	204	34	143	34	50
Fuel oil, kerosene, etc	1 597	748	712	2 251	783	974	746	1 219	769	506	837	1 118	826
Coal or coke	24	9	8	21	–	8	–	–	9	1	7	–	7
Wood	273	223	175	331	199	273	130	140	324	275	190	224	257
Other fuel	–	–	–	–	–	–	–	–	3	–	–	–	–
No fuel used	–	–	–	–	–	–	–	5	3	–	–	–	–
VEHICLES AVAILABLE													
None	392	47	55	548	55	66	97	210	185	38	15	198	124
1	881	387	440	1 458	356	536	474	695	732	313	431	736	505
2	610	504	435	825	459	776	413	568	451	386	544	438	438
3 or more	192	149	147	306	191	235	210	273	136	177	220	103	194
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER													
Occupied housing units	**533**	**184**	**193**	**762**	**220**	**212**	**186**	**293**	**296**	**168**	**120**	**363**	**379**
Owner-occupied housing units	317	152	157	376	201	197	115	217	223	159	95	202	304
Lacking complete plumbing for exclusive use	14	–	5	35	6	–	–	–	5	8	–	5	4
No complete kitchen facilities	7	–	5	20	2	–	3	–	7	4	–	–	–
No vehicle available	207	29	30	270	36	42	57	95	77	30	10	80	100
No telephone	36	–	–	64	5	5	10	–	8	10	–	8	3
Lacking central heating system	77	27	64	147	23	27	5	62	57	41	21	46	31
Lacking air conditioning	458	153	149	700	182	180	158	269	244	149	115	339	337
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
Specified owner-occupied housing units	**695**	**761**	**599**	**1 111**	**578**	**989**	**419**	**901**	**682**	**378**	**730**	**651**	**531**
With a mortgage	433	549	415	727	318	866	286	546	506	262	563	404	271
Less than $100	–	–	–	–	–	–	–	–	–	–	–	–	2
$100 to $199	43	22	51	12	16	13	25	30	30	18	21	40	6
$200 to $299	138	103	97	337	85	60	73	280	188	75	64	156	81
$300 to $399	154	188	152	226	100	199	80	174	127	103	164	108	69
$400 to $599	81	177	97	139	106	362	47	51	142	64	251	100	96
$600 or more	17	59	18	13	11	232	61	11	19	2	63	–	17
Median	$319	$376	$344	$306	$355	$481	$357	$289	$323	$343	$416	$305	$371
Not mortgaged	262	212	184	384	260	123	133	355	176	116	167	247	260
Median	$160	$138	$164	$165	$168	$210	$224	$154	$181	$142	$198	$189	$180
GROSS RENT													
Specified renter-occupied housing units	**851**	**154**	**200**	**1 470**	**165**	**277**	**429**	**411**	**451**	**134**	**160**	**568**	**335**
Less than $80	50	–	–	106	–	–	23	17	11	–	–	32	12
$80 to $99	7	–	6	7	–	–	8	7	7	–	–	24	–
$100 to $149	64	10	12	233	4	–	33	9	50	10	7	78	9
$150 to $199	194	35	17	454	20	16	69	68	112	29	14	143	49
$200 to $299	436	51	86	482	69	81	152	186	178	50	44	246	106
$300 to $399	61	30	19	107	33	87	52	69	50	17	56	27	65
$400 or more	3	14	8	13	13	49	63	–	20	15	34	8	48
No cash rent	36	14	52	68	26	44	29	55	23	13	5	10	46
Median	$217	$224	$255	$191	$257	$324	$246	$236	$211	$231	$320	$201	$261
MEDIAN HOUSEHOLD INCOME IN 1979													
Occupied housing units	**$12 943**	**$21 287**	**$16 728**	**$13 365**	**$16 495**	**$23 922**	**$13 571**	**$14 349**	**$14 578**	**$15 800**	**$22 801**	**$15 350**	**$14 650**
Owner-occupied housing units	$16 372	$22 025	$17 944	$18 078	$17 554	$27 614	$16 821	$16 439	$16 801	$16 351	$24 552	$17 854	$16 964
Renter-occupied housing units	$8 539	$15 096	$12 614	$8 693	$10 917	$13 007	$9 694	$10 192	$10 354	$12 100	$17 826	$9 115	$11 865

Table 92. **Selected Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Places of 2,500 to 10,000: 1980**

Table 92a. **Selected Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Towns/Townships of 2,500 to 10,000: 1980**

(The above table(s) were omitted because there were no qualifying areas)

Table 93. Structural Characteristics for Counties: 1980

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Counties	Addison	Bennington	Caledonia	Chittenden	Essex	Franklin	Grand Isle	Lamoille	Orange	Orleans	Rutland	Wash-ington	Windham	Windsor
YEAR STRUCTURE BUILT														
Year-round housing units	**10 310**	**13 868**	**10 169**	**40 105**	**2 424**	**12 640**	**1 913**	**6 548**	**8 196**	**8 797**	**22 617**	**19 736**	**17 378**	**21 758**
1979 to March 1980	446	355	183	1 664	63	397	77	311	287	217	569	450	347	661
1975 to 1978	987	966	830	4 748	207	1 232	201	738	759	833	1 586	1 334	1 453	1 783
1970 to 1974	1 412	1 848	1 204	5 281	226	1 377	254	947	1 175	870	2 580	2 515	1 995	2 567
1960 to 1969	1 477	2 118	992	7 673	253	1 300	327	1 048	1 069	1 059	2 897	2 826	2 709	2 857
1950 to 1959	681	1 173	459	4 576	157	717	135	355	432	436	1 656	1 405	1 427	2 100
1940 to 1949	445	949	460	2 966	142	711	85	233	330	381	1 443	984	1 094	1 795
1939 or earlier	4 862	6 459	6 041	13 197	1 376	6 906	834	2 916	4 144	5 001	11 886	10 222	8 353	9 995
Owner-occupied housing units	**7 038**	**8 375**	**6 244**	**24 695**	**1 662**	**8 305**	**1 288**	**4 077**	**5 901**	**5 839**	**14 118**	**12 664**	**8 849**	**13 505**
1979 to March 1980	313	189	150	902	29	231	43	189	187	137	333	313	165	423
1975 to 1978	752	753	628	3 245	161	953	156	536	596	625	1 092	996	717	1 112
1970 to 1974	1 079	904	923	3 922	179	1 038	172	681	965	686	1 804	1 750	1 100	1 724
1960 to 1969	1 097	1 592	697	5 623	211	1 024	214	682	836	853	2 047	2 272	1 452	2 003
1950 to 1959	466	781	307	3 399	104	505	82	217	292	283	1 153	1 026	814	1 527
1940 to 1949	243	568	253	1 576	85	395	46	148	186	238	763	596	642	1 137
1939 or earlier	3 088	3 588	3 286	6 028	893	4 159	575	1 624	2 839	3 017	6 926	5 711	3 959	5 579
Renter-occupied housing units	**2 342**	**3 581**	**2 981**	**13 833**	**518**	**3 281**	**315**	**1 820**	**1 861**	**2 258**	**6 486**	**5 949**	**4 991**	**5 549**
1979 to March 1980	56	36	5	539	11	108	4	54	57	51	48	66	21	83
1975 to 1978	184	121	155	1 289	23	157	21	131	112	132	189	240	187	251
1970 to 1974	239	396	153	1 191	33	243	39	194	159	145	574	618	451	464
1960 to 1969	244	332	203	1 872	21	185	61	276	192	145	624	481	545	519
1950 to 1959	142	290	111	1 079	49	156	22	101	120	120	436	313	327	369
1940 to 1949	151	274	179	1 299	46	276	22	67	135	122	585	323	298	541
1939 or earlier	1 326	2 132	2 175	6 564	335	2 156	146	997	1 086	1 543	4 030	3 908	3 162	3 322
BEDROOMS														
Year-round housing units	**10 310**	**13 868**	**10 169**	**40 105**	**2 424**	**12 640**	**1 913**	**6 548**	**8 196**	**8 797**	**22 617**	**19 736**	**17 378**	**21 758**
None	126	218	124	833	28	105	20	140	93	56	288	434	424	383
1	1 041	1 735	1 366	5 860	196	1 362	109	886	986	917	2 983	2 820	2 850	2 859
2	2 753	3 730	2 784	11 639	718	3 565	530	1 630	2 225	2 372	5 926	5 442	4 808	6 389
3	3 810	5 129	3 724	13 589	902	4 666	721	2 354	2 883	3 217	8 586	7 088	5 657	7 770
4	1 744	2 236	1 539	6 210	413	2 166	372	1 154	1 371	1 594	3 503	2 867	2 481	3 195
5 or more	836	820	632	1 974	167	776	161	384	638	641	1 331	1 085	1 158	1 162
Owner-occupied housing units	**7 038**	**8 375**	**6 244**	**24 695**	**1 662**	**8 305**	**1 288**	**4 077**	**5 901**	**5 839**	**14 118**	**12 664**	**8 849**	**13 505**
None	38	7	20	36	4	9	4	23	33	9	34	33	40	51
1	342	377	265	632	76	315	49	228	309	188	478	515	517	653
2	1 608	2 103	1 429	5 483	407	1 915	317	804	1 456	1 312	3 137	2 888	2 176	3 577
3	2 959	3 775	2 756	11 222	696	3 640	512	1 818	2 425	2 480	6 528	5 774	3 646	5 827
4	1 382	1 542	1 238	5 587	347	1 785	296	901	1 156	1 323	2 877	2 543	1 681	2 489
5 or more	709	571	536	1 735	132	641	110	303	522	527	1 064	911	789	908
Renter-occupied housing units	**2 342**	**3 581**	**2 981**	**13 833**	**518**	**3 281**	**315**	**1 820**	**1 861**	**2 258**	**6 486**	**5 949**	**4 991**	**5 549**
None	43	113	84	642	16	71	10	93	47	36	187	339	294	255
1	592	1 082	906	4 946	92	857	52	524	582	593	2 192	2 064	1 733	1 700
2	843	1 229	1 061	5 615	208	1 271	131	622	628	827	2 181	2 181	1 551	1 999
3	552	793	663	1 948	144	741	85	372	340	534	1 430	992	1 009	1 086
4	232	262	212	475	40	262	24	156	170	194	361	233	283	381
5 or more	80	102	55	207	18	79	13	53	94	74	135	140	121	128
STORIES IN STRUCTURE														
Year-round housing units	**10 310**	**13 868**	**10 169**	**40 105**	**2 424**	**12 640**	**1 913**	**6 548**	**8 196**	**8 797**	**22 617**	**19 736**	**17 378**	**21 758**
1 to 3	10 290	13 789	9 930	39 160	2 416	12 614	1 913	6 469	8 141	8 730	22 486	19 417	17 109	21 517
4 to 6	20	79	231	547	8	26	–	79	55	67	45	223	269	184
7 to 12	–	–	8	391	–	–	–	–	–	–	86	96	–	52
13 or more	–	–	–	7	–	–	–	–	–	–	–	–	–	5
PASSENGER ELEVATOR														
Year-round housing units	**10 310**	**13 868**	**10 169**	**40 105**	**2 424**	**12 640**	**1 913**	**6 548**	**8 196**	**8 797**	**22 617**	**19 736**	**17 378**	**21 758**
Structures with 4 or more stories	20	79	239	945	8	26	–	79	55	67	131	319	269	241
With elevator	12	64	134	641	–	–	–	51	38	2	89	238	168	95
UNITS IN STRUCTURE														
Year-round housing units	**10 310**	**13 868**	**10 169**	**40 105**	**2 424**	**12 640**	**1 913**	**6 548**	**8 196**	**8 797**	**22 617**	**19 736**	**17 378**	**21 758**
1, detached	7 436	9 260	6 395	22 753	1 800	8 462	1 570	4 119	5 942	6 073	14 386	12 155	11 034	14 711
1, attached	61	149	76	785	15	72	6	104	71	78	166	394	244	166
2	870	1 402	1 162	4 419	235	1 363	65	581	593	819	3 063	2 173	1 755	1 884
3 and 4	456	987	887	3 735	126	889	59	504	455	609	1 729	1 736	1 642	1 656
5 to 9	273	575	485	3 057	48	425	8	354	262	333	1 122	1 193	957	1 144
10 to 49	218	213	485	2 164	15	382	2	231	78	209	516	651	552	325
50 or more	7	134	49	1 074	–	–	–	59	1	–	172	278	172	233
Mobile home or trailer, etc	989	1 148	630	2 118	185	1 047	203	596	794	676	1 463	1 156	1 022	1 639
Owner-occupied housing units	**7 038**	**8 375**	**6 244**	**24 695**	**1 662**	**8 305**	**1 288**	**4 077**	**5 901**	**5 839**	**14 118**	**12 664**	**8 849**	**13 505**
1, detached	5 825	6 803	5 130	20 286	1 391	6 931	1 107	3 267	4 886	4 912	11 578	10 513	7 168	11 266
1, attached	44	53	43	397	13	39	6	51	40	41	52	90	53	98
2	336	456	431	1 260	81	452	15	182	227	245	1 085	784	597	617
3 and 4	105	110	154	431	20	110	17	65	84	96	184	293	221	217
5 or more	31	79	33	574	12	53	6	64	38	45	95	94	67	129
Mobile home or trailer, etc	697	874	453	1 747	145	720	137	448	626	500	1 124	890	743	1 178
Renter-occupied housing units	**2 342**	**3 581**	**2 981**	**13 833**	**518**	**3 281**	**315**	**1 820**	**1 861**	**2 258**	**6 486**	**5 949**	**4 991**	**5 549**
1, detached	984	1 136	697	1 966	228	876	183	495	788	743	1 582	1 080	1 257	1 607
1, attached	13	67	28	321	–	28	–	35	26	32	58	238	142	46
2	409	807	589	2 890	119	792	42	326	321	473	1 732	1 245	882	1 058
3 and 4	325	770	658	3 150	97	710	38	398	322	450	1 428	1 340	1 225	1 236
5 to 9	227	361	442	2 541	32	332	2	260	213	252	870	1 063	740	818
10 to 49	187	154	389	1 631	10	312	–	152	51	175	413	519	438	248
50 or more	7	128	46	1 042	–	–	–	42	1	–	164	269	163	223
Mobile home or trailer, etc	190	158	132	292	32	231	50	112	139	133	239	195	144	313
UNITS IN STRUCTURE BY GROSS RENT														
Specified renter-occupied housing units	**1 953**	**3 294**	**2 735**	**13 385**	**454**	**3 002**	**244**	**1 618**	**1 502**	**1 974**	**6 036**	**5 615**	**4 500**	**4 994**
1, mobile home or trailer, etc	798	1 074	611	2 131	196	856	162	440	594	624	1 429	1 179	1 052	1 411
Median gross rent	$248	$266	$225	$312	$212	$249	$246	$264	$236	$222	$245	$249	$254	$261
2 or more	1 155	2 220	2 124	11 254	258	2 146	82	1 178	908	1 350	4 607	4 436	3 448	3 583
Median gross rent	$219	$217	$183	$253	$178	$204	$227	$212	$198	$177	$221	$196	$215	$217

Table 94. **Equipment and Plumbing Facilities for Counties: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Counties	Addison	Bennington	Caledonia	Chittenden	Essex	Franklin	Grand Isle	Lamoille	Orange	Orleans	Rutland	Washington	Windham	Windsor
Year-round housing units	**10 310**	**13 868**	**10 169**	**40 105**	**2 424**	**12 640**	**1 913**	**6 548**	**8 196**	**8 797**	**22 617**	**19 736**	**17 378**	**21 758**
Complete kitchen facilities	9 992	13 504	9 880	39 588	2 334	12 374	1 857	6 431	7 989	8 643	22 178	19 381	16 793	21 196
BATHROOMS														
No bathroom or only a half bath	573	598	524	928	207	536	102	248	534	350	786	776	1 016	1 023
1 complete bathroom	6 629	8 443	7 189	26 511	1 788	9 310	1 291	4 402	5 585	6 152	15 202	13 206	11 227	13 980
1 complete bathroom plus half bath(s)	1 447	1 717	1 436	6 100	280	1 616	280	816	1 094	1 311	3 344	2 999	2 196	3 119
2 or more complete bathrooms	1 661	3 110	1 020	6 566	149	1 178	240	1 082	983	984	3 285	2 755	2 939	3 636
SOURCE OF WATER														
Public system or private company	4 795	7 690	5 671	32 142	1 143	7 132	624	2 817	2 695	4 666	13 887	12 643	7 171	10 597
Individual drilled well	2 992	3 781	1 321	4 048	499	2 154	365	1 539	1 942	1 442	5 348	3 866	6 142	6 305
Individual dug well	928	1 130	1 120	2 090	269	1 408	134	550	1 946	677	1 388	823	1 834	2 339
Some other source	1 595	1 267	2 057	1 825	513	1 946	790	1 642	1 613	2 012	1 994	2 404	2 231	2 517
SEWAGE DISPOSAL														
Public sewer	2 402	5 581	4 421	25 635	842	5 568	178	1 951	1 715	3 555	12 453	11 369	7 024	9 013
Septic tank or cesspool	7 506	7 972	5 403	14 126	1 463	6 777	1 670	4 382	6 108	4 919	9 708	8 036	9 626	12 056
Other means	402	315	345	344	119	295	65	215	373	323	456	331	728	689
AIR CONDITIONING														
None	9 422	12 367	9 648	34 402	2 349	11 350	1 809	6 193	7 770	8 427	20 011	18 344	15 594	19 980
Central system	62	89	16	500	6	63	10	22	46	30	126	105	123	187
1 or more individual room units	826	1 412	505	5 203	69	1 227	94	333	380	340	2 480	1 287	1 661	1 591
HEATING EQUIPMENT														
Year-round housing units	**10 310**	**13 868**	**10 169**	**40 105**	**2 424**	**12 640**	**1 913**	**6 548**	**8 196**	**8 797**	**22 617**	**19 736**	**17 378**	**21 758**
Steam or hot water system	2 884	6 595	2 729	11 412	659	3 783	369	1 825	1 648	2 168	8 835	5 878	4 311	6 138
Central warm-air furnace	3 222	3 635	3 708	12 623	916	4 603	653	1 858	2 999	3 334	6 946	6 146	5 885	7 423
Electric heat pump	69	98	64	679	10	85	6	125	41	41	275	204	173	104
Other built-in electric units	656	711	408	7 197	86	525	202	748	493	515	1 284	2 349	1 737	1 683
Floor, wall, or pipeless furnace	164	205	140	450	61	296	33	118	148	144	369	272	330	296
Room heaters with flue	527	576	756	2 535	117	1 019	166	328	355	480	1 062	839	878	1 061
Room heaters without flue	165	155	191	862	35	265	20	85	81	140	261	215	156	143
Fireplaces, stoves, or portable room heaters	2 549	1 870	2 134	4 311	534	2 031	454	1 443	2 416	1 938	3 538	3 801	3 863	4 812
None	74	23	39	36	6	33	10	18	15	37	47	32	45	98
Owner-occupied housing units	**7 038**	**8 375**	**6 244**	**24 695**	**1 662**	**8 305**	**1 288**	**4 077**	**5 901**	**5 839**	**14 118**	**12 664**	**8 849**	**13 505**
Steam or hot water system	1 975	3 857	1 492	7 192	448	2 509	294	1 106	1 113	1 357	5 505	3 512	2 054	3 600
Central warm-air furnace	2 289	2 272	2 555	9 480	652	3 225	439	1 301	2 244	2 377	4 803	4 402	3 582	5 161
Electric heat pump	27	21	–	142	1	31	2	17	12	14	38	67	38	26
Other built-in electric units	317	377	192	3 069	52	295	96	264	294	253	567	1 113	363	660
Floor, wall, or pipeless furnace	113	109	91	186	49	195	24	77	113	85	184	163	95	189
Room heaters with flue	265	249	249	747	59	386	97	183	196	217	377	297	296	432
Room heaters without flue	76	61	45	250	19	132	17	27	31	65	94	62	42	44
Fireplaces, stoves, or portable room heaters	1 965	1 427	1 620	3 621	382	1 530	319	1 102	1 898	1 469	2 540	3 044	2 372	3 385
None	11	2	–	8	–	2	–	–	–	2	10	4	7	8
Renter-occupied housing units	**2 342**	**3 581**	**2 981**	**13 833**	**518**	**3 281**	**315**	**1 820**	**1 861**	**2 258**	**6 486**	**5 949**	**4 991**	**5 549**
Steam or hot water system	732	1 799	1 031	3 796	157	1 072	45	560	447	680	2 808	2 072	1 767	1 987
Central warm-air furnace	655	819	808	2 799	166	963	94	357	604	690	1 586	1 414	1 290	1 565
Electric heat pump	36	19	50	482	5	48	2	96	18	27	59	125	78	46
Other built-in electric units	284	214	172	3 744	30	155	47	359	155	215	560	1 041	581	521
Floor, wall, or pipeless furnace	40	86	43	246	8	79	7	36	33	54	151	93	96	71
Room heaters with flue	187	256	453	1 605	50	510	47	116	151	201	558	508	401	509
Room heaters without flue	63	76	128	546	14	110	1	55	41	54	140	142	92	84
Fireplaces, stoves, or portable room heaters	345	312	289	610	88	337	72	241	410	326	624	547	684	760
None	–	–	7	5	–	7	–	–	2	11	–	7	2	6
Occupied housing units	**9 380**	**11 956**	**9 225**	**38 528**	**2 180**	**11 586**	**1 603**	**5 897**	**7 762**	**8 097**	**20 604**	**18 613**	**13 840**	**19 054**
No telephone	761	754	933	1 648	216	737	146	458	664	558	1 382	1 194	1 283	1 299
VEHICLES AVAILABLE														
Total:														
None	785	1 178	1 115	4 121	213	1 318	91	580	577	839	2 055	2 089	1 667	1 663
1	3 553	5 172	3 943	16 162	1 055	4 834	616	2 498	3 064	3 678	8 841	8 375	5 709	7 782
2	3 428	3 986	2 972	13 128	658	3 867	595	1 958	2 725	2 515	6 744	6 030	4 543	6 693
3 or more	1 614	1 620	1 195	5 117	254	1 567	301	861	1 396	1 065	2 964	2 119	1 921	2 916
Automobiles:														
None	1 050	1 474	1 526	4 765	310	1 602	117	806	878	1 113	2 545	2 463	1 968	2 212
1	5 179	6 651	5 321	19 321	1 428	6 465	880	3 249	4 373	4 974	11 460	10 434	7 555	10 567
2	2 553	3 161	2 051	11 701	374	2 919	489	1 608	1 994	1 719	5 530	4 905	3 652	5 145
3 or more	598	670	327	2 741	68	600	117	234	517	291	1 069	811	665	1 130
Trucks or vans:														
None	6 072	8 773	6 144	30 967	1 431	8 210	1 055	4 048	4 867	5 412	14 865	14 257	9 995	13 128
1	2 959	2 867	2 840	7 080	680	3 144	509	1 727	2 587	2 509	5 306	4 110	3 477	5 417
2	320	289	232	430	61	206	34	106	261	156	395	203	304	439
3 or more	29	27	9	51	8	26	5	16	47	20	38	43	64	70
YEAR HOUSEHOLDER MOVED INTO UNIT														
Owner-occupied housing units	**7 038**	**8 375**	**6 244**	**24 695**	**1 662**	**8 305**	**1 288**	**4 077**	**5 901**	**5 839**	**14 118**	**12 664**	**8 849**	**13 505**
1979 to March 1980	896	842	580	2 972	146	808	130	476	649	647	1 471	1 257	843	1 483
1975 to 1978	1 955	2 201	1 617	7 671	351	2 046	347	1 203	1 512	1 542	3 439	3 255	2 356	3 202
1970 to 1974	1 471	1 481	1 318	4 616	334	1 544	273	757	1 310	1 045	2 522	2 426	1 610	2 610
1960 to 1969	1 257	1 740	1 113	4 886	330	1 592	249	808	1 042	1 172	2 674	2 829	1 867	2 747
1950 to 1959	622	993	751	2 670	164	1 021	110	352	578	633	1 682	1 339	906	1 588
1949 or earlier	837	1 118	865	1 880	337	1 294	179	481	810	800	2 330	1 558	1 267	1 875
Renter-occupied housing units	**2 342**	**3 581**	**2 981**	**13 833**	**518**	**3 281**	**315**	**1 820**	**1 861**	**2 258**	**6 486**	**5 949**	**4 991**	**5 549**
1979 to March 1980	1 094	1 470	1 266	7 114	220	1 290	137	1 011	869	1 017	2 631	2 627	2 136	2 372
1975 to 1978	763	1 139	949	4 160	161	1 056	89	446	590	614	2 049	1 787	1 728	1 878
1970 to 1974	202	396	289	1 231	67	357	28	145	165	326	750	722	521	646
1960 to 1969	172	279	233	812	31	276	30	125	113	126	576	416	278	331
1959 or earlier	111	297	244	516	39	302	31	93	124	175	480	397	328	322
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER														
Occupied housing units	**1 921**	**2 878**	**2 110**	**5 626**	**596**	**2 476**	**368**	**1 207**	**1 828**	**1 737**	**4 927**	**4 172**	**3 097**	**4 317**
Owner-occupied housing units	1 536	2 177	1 396	3 717	487	1 754	325	847	1 463	1 203	3 496	2 831	2 123	3 278
Lacking complete plumbing for exclusive use	88	99	78	114	33	85	19	38	93	46	106	147	106	153
No complete kitchen facilities	23	22	44	54	16	33	10	12	33	23	78	45	79	81
No vehicle available	462	609	595	1 737	127	764	70	340	366	460	1 209	1 177	824	975
No telephone	102	55	153	197	36	106	21	40	124	81	230	132	200	170
Lacking central heating system	376	324	476	824	137	552	104	262	482	313	735	577	553	756
Lacking air conditioning	1 735	2 525	1 987	4 782	582	2 269	352	1 108	1 714	1 662	4 348	3 725	2 649	3 900

Table 95. Fuels and Financial Characteristics for Counties: 1980

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Counties	Addison	Bennington	Caledonia	Chittenden	Essex	Franklin	Grand Isle	Lamoille	Orange	Orleans	Rutland	Washington	Windham	Windsor
Occupied housing units	**9 380**	**11 956**	**9 225**	**38 528**	**2 180**	**11 586**	**1 603**	**5 897**	**7 762**	**8 097**	**20 604**	**18 613**	**13 840**	**19 054**
HOUSE HEATING FUEL														
Utility gas	8	163	211	7 525	15	1 598	–	37	21	9	252	479	92	299
Bottled, tank, or LP gas	548	387	627	1 142	136	289	136	484	466	291	869	1 016	996	1 433
Electricity	685	652	424	7 589	98	548	149	749	508	524	1 275	2 384	1 075	1 262
Fuel oil, kerosene, etc	5 863	9 006	6 049	18 068	1 471	7 341	937	3 312	4 491	5 485	15 043	11 129	8 543	11 968
Coal or coke	25	21	59	143	10	64	12	17	38	22	126	131	124	61
Wood	2 240	1 710	1 846	3 993	448	1 735	369	1 298	2 225	1 746	3 013	3 438	2 983	4 002
Other fuel	–	15	2	55	2	2	–	–	11	7	16	25	18	15
No fuel used	11	2	7	13	–	9	–	–	2	13	10	11	9	14
WATER HEATING FUEL														
Utility gas	34	227	530	6 648	8	1 237	4	26	58	52	571	787	121	609
Bottled, tank, or LP gas	1 378	1 297	1 543	1 739	430	845	340	1 125	1 557	1 436	2 325	2 061	2 869	3 375
Electricity	5 003	4 573	4 367	22 658	954	6 635	816	2 748	4 351	4 217	9 535	10 183	6 417	9 177
Fuel oil, kerosene, etc	2 568	5 493	2 386	6 994	607	2 523	369	1 753	1 330	2 016	7 706	5 023	3 906	5 268
Other	289	280	349	414	140	271	44	217	382	332	377	443	350	463
No fuel used	108	86	50	75	41	75	30	28	84	44	90	116	177	162
COOKING FUEL														
Utility gas	143	369	688	4 554	47	477	39	82	137	163	1 025	1 118	322	867
Bottled, tank, or LP gas	3 218	3 216	2 802	4 465	880	2 460	757	1 989	2 921	2 578	5 312	3 768	5 394	6 344
Electricity	5 800	8 194	5 417	29 250	1 154	8 482	777	3 742	4 409	5 161	13 879	13 372	7 739	11 459
Other	209	171	302	195	95	157	28	82	291	195	362	341	349	369
No fuel used	10	6	16	64	4	10	2	2	4	–	26	14	36	15
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS														
Specified owner-occupied housing units	**4 053**	**5 576**	**3 610**	**17 472**	**992**	**5 195**	**770**	**2 384**	**3 030**	**3 361**	**9 319**	**8 399**	**5 245**	**8 354**
With a mortgage	2 560	3 195	2 302	13 324	506	3 161	452	1 536	1 869	1 992	5 435	5 505	3 105	5 018
Less than $100	10	12	8	18	5	9	2	–	3	5	2	19	5	8
$100 to $149	36	19	13	53	19	68	14	25	39	52	71	61	42	83
$150 to $199	160	148	205	268	87	231	39	127	100	287	307	412	170	261
$200 to $249	401	296	473	1 120	113	467	87	301	364	480	571	909	452	714
$250 to $299	512	508	489	2 034	115	657	83	289	386	428	958	996	516	853
$300 to $349	458	506	404	1 954	81	548	70	260	314	297	950	938	587	841
$350 to $399	359	523	343	2 016	49	484	55	200	261	210	852	768	485	704
$400 to $449	237	347	143	1 719	13	337	41	96	189	119	696	526	340	453
$450 to $499	191	271	107	1 288	13	148	15	97	94	44	385	344	170	407
$500 to $599	137	317	80	1 407	7	115	26	62	66	41	398	318	207	444
$600 to $749	27	171	31	975	4	64	13	49	42	18	153	138	97	160
$750 or more	32	77	6	472	–	33	7	30	11	11	92	76	34	90
Median	$318	$360	$296	$380	$263	$314	$301	$305	$307	$270	$343	$319	$331	$335
Not mortgaged	1 493	2 381	1 308	4 148	486	2 034	318	848	1 161	1 369	3 884	2 894	2 140	3 336
Less than $50	23	7	21	25	2	16	14	19	15	15	19	26	40	40
$50 to $74	42	45	44	26	32	63	15	23	54	59	107	69	76	61
$75 to $99	106	142	103	123	81	152	27	52	121	141	200	166	117	202
$100 to $149	435	748	517	1 014	197	694	124	285	408	515	1 075	721	656	1 003
$150 to $199	493	730	391	1 468	113	696	96	282	370	418	1 406	1 045	661	1 135
$200 to $249	261	389	177	904	41	262	25	100	112	177	686	544	388	521
$250 or more	133	320	55	588	20	151	17	87	81	44	391	323	202	374
Median	$163	$166	$147	$180	$135	$156	$143	$157	$148	$146	$167	$171	$165	$165
GROSS RENT														
Specified renter-occupied housing units	**1 953**	**3 294**	**2 735**	**13 385**	**454**	**3 002**	**244**	**1 618**	**1 502**	**1 974**	**6 036**	**5 615**	**4 500**	**4 994**
Less than $50	10	5	20	35	2	26	3	2	15	22	27	26	10	39
$50 to $59	16	18	36	62	5	35	–	4	27	22	50	89	19	25
$60 to $79	49	60	138	337	10	92	2	48	52	51	115	212	171	101
$80 to $99	22	57	34	224	11	54	1	26	48	50	112	116	100	109
$100 to $119	32	81	117	136	21	83	2	46	39	106	173	258	91	161
$120 to $149	94	251	283	596	53	169	14	113	83	208	384	493	284	285
$150 to $169	143	222	347	647	45	245	19	79	116	206	380	399	284	282
$170 to $199	195	386	444	1 101	86	434	19	233	199	391	791	938	632	674
$200 to $249	506	737	618	2 794	79	653	42	455	368	479	1 549	1 376	1 133	1 256
$250 to $299	299	618	311	2 611	54	503	36	248	173	192	1 116	775	829	850
$300 to $349	172	293	143	1 824	17	223	26	95	133	53	512	374	368	428
$350 to $399	98	136	28	1 227	4	104	6	40	18	12	242	139	149	192
$400 to $499	43	87	19	914	4	42	4	40	35	4	138	81	97	120
$500 or more	15	41	–	425	–	4	7	34	13	5	40	51	35	86
No cash rent	259	302	197	452	63	335	63	155	183	173	407	288	298	386
Median	$226	$229	$189	$259	$190	$215	$236	$217	$209	$188	$224	$204	$222	$224
HOUSEHOLD INCOME IN 1979														
Occupied housing units	**9 380**	**11 956**	**9 225**	**38 528**	**2 180**	**11 586**	**1 603**	**5 897**	**7 762**	**8 097**	**20 604**	**18 613**	**13 840**	**19 054**
Median income	$14 691	$14 777	$12 999	$17 597	$12 272	$14 006	$14 580	$13 032	$12 846	$12 559	$14 813	$14 315	$13 649	$15 402
Owner-occupied housing units	7 038	8 375	6 244	24 695	1 662	8 305	1 288	4 077	5 901	5 839	14 118	12 664	8 849	13 505
Median income	$16 381	$17 006	$15 311	$22 313	$13 553	$16 317	$15 409	$15 254	$14 511	$14 546	$17 177	$16 984	$16 461	$17 558
Renter-occupied housing units	2 342	3 581	2 981	13 833	518	3 281	315	1 820	1 861	2 258	6 486	5 949	4 991	5 549
Median income	$10 336	$10 510	$8 395	$10 523	$9 310	$9 138	$10 938	$9 173	$9 100	$8 686	$10 199	$9 474	$9 222	$10 060
INCOME IN 1979 BELOW POVERTY LEVEL														
Owner-occupied housing units	**695**	**528**	**662**	**1 116**	**203**	**858**	**136**	**492**	**609**	**715**	**1 130**	**960**	**715**	**948**
Percent below poverty level	9.9	6.3	10.6	4.5	12.2	10.3	10.6	12.1	10.3	12.2	8.0	7.6	8.1	7.0
Complete plumbing for exclusive use	620	487	623	1 066	166	801	124	467	548	650	1 076	878	632	864
1.01 or more persons per room	38	11	36	24	12	27	7	26	32	29	45	39	17	34
Lacking complete plumbing for exclusive use	75	41	39	50	37	57	12	25	61	65	54	82	83	84
1.01 or more persons per room	4	2	12	3	6	3	2	6	7	10	10	4	10	8
Renter-occupied housing units	**468**	**680**	**854**	**3 311**	**115**	**922**	**71**	**498**	**447**	**580**	**1 332**	**1 217**	**1 266**	**1 266**
Percent below poverty level	20.0	19.0	28.6	23.9	22.2	28.1	22.5	27.4	24.0	25.7	20.5	20.5	25.4	22.8
Complete plumbing for exclusive use	431	619	800	3 176	106	862	61	482	405	549	1 269	1 124	1 199	1 187
1.01 or more persons per room	28	38	45	141	6	64	6	13	12	58	49	40	36	43
Lacking complete plumbing for exclusive use	37	61	54	135	9	60	10	16	42	31	63	93	67	79
1.01 or more persons per room	2	10	6	8	1	8	–	–	5	–	2	10	3	11

Table 96. **Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Counties: 1980**—Con.

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Counties [400 or More of the Specified Racial or Spanish Origin Group]	Chittenden				Franklin		Washington
	Race				Race		
	White	Black	Asian and Pacific Islander	Spanish origin[1]	White	American Indian, Eskimo, and Aleut	Spanish origin[1]
Occupied housing units	**38 085**	**130**	**195**	**250**	**11 441**	**118**	**259**
YEAR STRUCTURE BUILT							
1979 to March 1980	1 413	6	22	8	330	2	–
1975 to 1978	4 426	17	66	59	1 094	16	1
1970 to 1974	5 047	20	27	2	1 275	6	41
1960 to 1969	7 429	26	22	49	1 201	8	40
1950 to 1959	4 459	14	5	30	652	9	26
1940 to 1949	2 856	5	13	18	659	7	10
1939 or earlier	12 455	42	40	84	6 230	70	141
BEDROOMS							
None	663	15	–	5	80	–	–
1	5 487	31	28	63	1 141	18	30
2	10 974	27	52	77	3 118	54	45
3	13 020	49	62	92	4 346	35	131
4	6 011	8	41	13	2 043	4	33
5 or more	1 930	–	12	–	713	7	20
UNITS IN STRUCTURE							
1, detached	22 066	42	119	71	7 734	73	187
1, attached	691	12	5	–	67	–	3
2	4 109	20	6	63	1 224	13	32
3 and 4	3 539	11	12	11	798	12	24
5 to 9	2 832	16	15	27	364	3	10
10 to 49	1 804	12	17	65	313	7	1
50 or more	1 031	6	15	6	–	–	–
Mobile home or trailer, etc	2 013	11	6	7	941	10	2
UNITS IN STRUCTURE BY GROSS RENT							
Specified renter-occupied housing units	**13 165**	**60**	**79**	**146**	**2 936**	**44**	**49**
1, mobile home or trailer, etc	2 096	6	19	15	842	14	8
Median gross rent	$312	$225	$325	$395	$246	$338	$260
2 or more	11 069	54	60	131	2 094	30	41
Median gross rent	$253	$194	$313	$292	$204	$189	$182
BATHROOMS							
No bathroom or only a half bath	824	7	–	13	384	14	15
1 complete bathroom	25 154	90	92	187	8 453	98	151
1 complete bathroom plus half bath(s)	5 927	8	32	35	1 567	4	53
2 or more complete bathrooms	6 180	25	71	15	1 037	2	40
SOURCE OF WATER							
Public system or private company	30 472	113	168	232	6 479	75	221
Individual drilled well	3 864	7	18	7	1 967	15	21
Individual dug well	2 023	–	2	11	1 315	19	4
Some other source	1 726	10	7	–	1 680	9	13
HEATING EQUIPMENT							
Steam or hot water system	10 861	25	82	32	3 551	17	129
Central warm-air furnace	12 173	44	39	76	4 135	53	60
Electric heat pump	604	9	11	–	79	–	6
Other built-in electric units	6 679	32	45	96	450	–	33
Floor, wall, or pipeless furnace	432	–	–	2	268	6	–
Room heaters with flue	2 322	18	–	31	871	13	–
Room heaters without flue	796	–	–	–	234	8	–
Fireplaces, stoves, or portable room heaters	4 205	2	18	13	1 844	21	31
None	13	–	–	–	9	–	–
SELECTED CHARACTERISTICS							
No telephone	1 619	13	6	–	725	5	10
No complete kitchen facilities	399	13	–	–	176	–	–
Lacking air conditioning	32 548	95	173	240	10 178	98	231
Lacking public sewer	13 840	37	81	55	6 390	54	39
No vehicle available	4 062	21	13	41	1 281	37	14
YEAR HOUSEHOLDER MOVED INTO UNIT							
Owner-occupied housing units	**24 475**	**70**	**116**	**104**	**8 229**	**71**	**210**
1979 to March 1980	2 921	17	32	21	792	...	2
1975 to 1978	7 552	26	71	55	2 020	...	47
1970 to 1974	4 580	13	13	3	1 539	...	29
1960 to 1969	4 878	8	–	19	1 579	...	60
1950 to 1959	2 664	6	–	6	1 013	...	30
1949 or earlier	1 880	–	–	–	1 286	...	42
Renter-occupied housing units	**13 610**	**60**	**79**	**146**	**3 212**	**47**	**49**
1979 to March 1980	6 971	39	56	93	1 251	...	19
1975 to 1978	4 093	15	16	46	1 044	...	8
1970 to 1974	1 224	–	7	7	355	...	11
1960 to 1969	812	–	–	–	276	...	11
1959 or earlier	510	6	–	–	286	...	–
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER							
Occupied housing units	**5 613**	**6**	**7**	**–**	**2 466**	**–**	**67**
Owner-occupied housing units	3 717	–	–	–	1 754	–	58
Lacking complete plumbing for exclusive use	114	–	–	–	85	–	–
No complete kitchen facilities	54	–	–	–	33	–	–
No vehicle available	1 724	6	7	–	764	–	9
No telephone	197	–	–	–	106	–	–
Lacking central heating system	824	–	–	–	550	–	2
Lacking air conditioning	4 769	6	7	–	2 259	–	62

[1]Persons of Spanish origin may be of any race.

Table 97. **Fuels and Financial Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Counties: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Counties [400 or More of the Specified Racial or Spanish Origin Group]	Chittenden				Franklin		Washington
	Race				Race		
	White	Black	Asian and Pacific Islander	Spanish origin[1]	White	American Indian, Eskimo, and Aleut	Spanish origin[1]
Occupied housing units	**38 085**	**130**	**195**	**250**	**11 441**	**118**	**259**
HOUSE HEATING FUEL							
Utility gas	7 460	30	16	59	1 570	16	–
Bottled, tank, or LP gas	1 128	7	–	16	283	6	10
Electricity	7 429	47	56	96	547	1	39
Fuel oil, kerosene, etc	17 890	44	105	66	7 244	82	179
Coal or coke	143	–	–	–	64	–	–
Wood	3 967	2	18	13	1 722	13	31
Other fuel	55	–	–	–	2	–	–
No fuel used	13	–	–	–	9	–	–
WATER HEATING FUEL							
Utility gas	6 589	36	–	45	1 212	13	9
Bottled, tank, or LP gas	1 725	7	–	7	819	26	8
Electricity	22 403	71	114	189	6 566	59	130
Fuel oil, kerosene, etc	6 888	16	75	4	2 503	15	105
Other	408	–	6	5	269	2	7
No fuel used	72	–	–	–	72	3	–
COOKING FUEL							
Utility gas	4 508	34	–	28	466	11	29
Bottled, tank, or LP gas	4 413	13	18	17	2 418	35	24
Electricity	28 915	83	170	205	8 390	72	206
Other	185	–	7	–	157	–	–
No fuel used	64	–	–	–	10	–	–
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS							
Specified owner-occupied housing units	**17 322**	**36**	**92**	**54**	**5 147**	...	**149**
With a mortgage	13 180	36	86	48	3 129	...	70
Less than $100	18	–	–	–	9	...	–
$100 to $149	53	–	–	–	68	...	8
$150 to $199	268	–	–	–	220	...	–
$200 to $249	1 120	–	–	2	467	...	5
$250 to $299	2 034	–	–	–	652	...	9
$300 to $349	1 947	–	–	5	537	...	10
$350 to $399	1 976	–	40	13	479	...	20
$400 to $449	1 713	–	6	9	337	...	6
$450 to $499	1 282	–	–	9	148	...	6
$500 to $599	1 393	–	14	2	115	...	–
$600 to $749	917	30	19	8	64	...	6
$750 or more	459	6	7	–	33	...	–
Median	$379	$647	$425	$422	$314	...	$357
Not mortgaged	4 142	–	6	6	2 018	...	79
Less than $50	25	–	–	–	16	...	–
$50 to $74	26	–	–	–	63	...	–
$75 to $99	123	–	–	–	145	...	–
$100 to $149	1 014	–	–	6	691	...	8
$150 to $199	1 468	–	–	–	690	...	36
$200 to $249	904	–	–	–	262	...	33
$250 or more	582	–	6	–	151	...	2
Median	$180	–	$350	$113	$156	...	$195
GROSS RENT							
Specified renter-occupied housing units	**13 165**	**60**	**79**	**146**	**2 936**	**44**	**49**
Less than $50	35	–	–	–	26	–	–
$50 to $59	62	–	–	–	35	–	–
$60 to $79	337	–	–	–	92	–	–
$80 to $99	224	–	–	–	54	–	9
$100 to $119	136	–	–	–	83	–	–
$120 to $149	577	19	–	5	159	–	3
$150 to $169	640	–	–	–	245	–	–
$170 to $199	1 086	9	6	–	415	19	18
$200 to $249	2 752	17	12	26	642	11	9
$250 to $299	2 578	2	12	41	494	4	10
$300 to $349	1 747	13	33	24	212	4	–
$350 to $399	1 227	–	–	27	98	6	–
$400 to $499	894	–	9	18	42	–	–
$500 or more	418	–	7	5	4	–	–
No cash rent	452	–	–	–	335	–	–
Median	$259	$208	$314	$302	$214	$232	$191
HOUSEHOLD INCOME IN 1979							
Occupied housing units	**38 085**	**130**	**195**	**250**	**11 441**	**118**	**259**
Median income	$17 585	$16 250	$23 897	$17 083	$14 143	$8 065	$15 625
Owner-occupied housing units	24 475	70	116	104	8 229	71	210
Median income	$22 253	$29 167	$32 083	$20 625	$16 411	...	$17 125
Renter-occupied housing units	13 610	60	79	146	3 212	47	49
Median income	$10 481	$11 250	$12 150	$11 765	$9 198	...	$7 813
INCOME IN 1979 BELOW POVERTY LEVEL							
Owner-occupied housing units	**1 114**	–	–	**2**	**823**	...	**8**
Percent below poverty level	4.6	–	–	1.9	10.0	...	3.8
Complete plumbing for exclusive use	1 064	–	–	2	777	...	8
1.01 or more persons per room	24	–	–	–	23	...	–
Lacking complete plumbing for exclusive use	50	–	–	–	46	...	–
1.01 or more persons per room	3	–	–	–	3	...	–
Renter-occupied housing units	**3 273**	**7**	**18**	**43**	**892**	...	**14**
Percent below poverty level	24.0	11.7	22.8	29.5	27.8	...	28.6
Complete plumbing for exclusive use	3 145	–	18	38	835	...	14
1.01 or more persons per room	129	–	5	–	57	...	–
Lacking complete plumbing for exclusive use	128	7	–	5	57	...	–
1.01 or more persons per room	8	–	–	–	5	...	–

[1]Persons of Spanish origin may be of any race.

Table 98. Occupancy, Utilization, Plumbing, and Financial Characteristics of Rural Housing Units: 1980

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The State Counties	The State	Addison	Bennington	Caledonia	Chittenden	Essex	Franklin
Total housing units	**156 954**	**10 499**	**11 900**	**8 506**	**13 978**	**3 704**	**10 405**
Vacant seasonal and migratory	26 284	1 692	1 729	1 432	937	1 280	1 820
Year-round housing units	130 670	8 807	10 171	7 074	13 041	2 424	8 585
YEAR-ROUND HOUSING UNITS							
Persons							
Total persons	**338 605**	**23 815**	**23 996**	**18 658**	**38 878**	**6 313**	**24 960**
Persons in occupied housing units	329 978	23 649	23 380	18 074	38 750	6 103	24 587
Per occupied housing unit	2.85	2.98	2.75	2.85	3.11	2.80	3.14
Owner-occupied housing units	267 131	19 537	18 213	14 635	33 180	4 686	20 176
Renter-occupied housing units	62 847	4 112	5 167	3 439	5 570	1 417	4 411
Tenure by Race and Spanish Origin of Householder							
Owner-occupied housing units	**88 297**	**6 241**	**6 359**	**4 814**	**10 076**	**1 662**	**6 228**
White	87 967	6 214	6 342	4 806	10 005	1 661	6 181
Black	100	9	12	...	34	–	...
Spanish origin[1]	359	31	10	7	50	...	15
Renter-occupied housing units	**27 331**	**1 694**	**2 142**	**1 529**	**2 379**	**518**	**1 590**
White	27 096	1 688	2 124	1 517	2 364	514	1 566
Black	61	2	16	...	2	–	...
Spanish origin[1]	108	7	1	3	6	...	2
Vacancy Status							
Vacant housing units	**15 042**	**872**	**1 670**	**731**	**586**	**244**	**767**
For sale only	1 280	68	105	67	102	19	73
Vacant less than 6 months	688	33	65	17	63	6	30
Median price asked	$40 800	$39 300	$45 600	$29 800	$61 300	$26 300	$39 300
For rent	2 490	106	189	160	175	38	109
Vacant less than 2 months	1 037	38	80	32	76	3	33
Median rent asked	$169	$155	$175	$149	$189	$130	$133
Other vacants	11 272	698	1 376	504	309	187	585
Plumbing Facilities							
Year-round housing units	**130 670**	**8 807**	**10 171**	**7 074**	**13 041**	**2 424**	**8 585**
Complete plumbing for exclusive use	125 717	8 371	9 812	6 758	12 765	2 256	8 268
Lacking complete plumbing for exclusive use	4 953	436	359	316	276	168	317
Complete plumbing but used by another household	601	46	62	28	57	15	34
Some but not all plumbing facilities	2 867	218	169	194	135	107	188
No plumbing facilities	1 485	172	128	94	84	46	95
Occupied housing units	**115 628**	**7 935**	**8 501**	**6 343**	**12 455**	**2 180**	**7 818**
Complete plumbing for exclusive use	112 109	7 664	8 257	6 124	12 234	2 065	7 595
Lacking complete plumbing for exclusive use	3 519	271	244	219	221	115	223
Complete plumbing but used by another household	551	33	57	26	55	12	34
Some but not all plumbing facilities	2 167	159	124	161	125	73	130
No plumbing facilities	801	79	63	32	41	30	59
VALUE							
Specified owner-occupied housing units	**51 851**	**3 462**	**4 043**	**2 633**	**6 099**	**992**	**3 645**
Less than $10,000	1 211	80	99	85	40	92	128
$10,000 to $19,999	3 895	169	231	349	138	212	475
$20,000 to $29,999	8 260	409	536	679	298	328	718
$30,000 to $49,999	22 710	1 655	1 667	1 239	2 192	298	1 605
$50,000 to $99,999	14 530	1 121	1 310	276	3 177	59	700
$100,000 to $149,999	1 033	28	163	5	221	3	10
$150,000 to $199,999	155	–	31	–	28	–	5
$200,000 or more	57	–	6	–	5	–	4
Median	$40 900	$43 500	$44 200	$32 200	$52 200	$25 600	$36 700
CONTRACT RENT							
Specified renter-occupied housing units	**23 216**	**1 331**	**1 860**	**1 294**	**2 039**	**454**	**1 326**
Median	$169	$165	$173	$146	$222	$134	$140
Rooms							
Year-round housing units	**130 670**	**8 807**	**10 171**	**7 074**	**13 041**	**2 424**	**8 585**
1 room	1 436	78	123	52	153	25	49
2 rooms	3 278	215	250	132	226	54	104
3 rooms	8 634	535	633	451	606	170	357
4 rooms	21 365	1 409	1 681	1 020	2 175	386	1 269
5 rooms	27 605	1 930	2 169	1 561	2 936	529	1 960
6 rooms	25 303	1 508	1 852	1 475	2 490	560	1 831
7 rooms	17 844	1 228	1 367	989	1 719	311	1 237
8 or more rooms	25 205	1 904	2 096	1 394	2 736	389	1 778
Median, year-round housing units	5.6	5.7	5.6	5.7	5.7	5.6	5.8
Median, occupied housing units	5.7	5.7	5.6	5.8	5.7	5.7	5.9
Median, owner-occupied housing units	6.0	6.0	5.9	6.1	6.0	5.9	6.1
Median, renter-occupied housing units	4.4	4.6	4.5	4.8	4.2	4.7	4.9
Persons in Unit							
Occupied housing units	**115 628**	**7 935**	**8 501**	**6 343**	**12 455**	**2 180**	**7 818**
1 person	22 075	1 323	1 762	1 217	1 743	430	1 189
2 persons	36 511	2 454	2 825	1 996	3 464	723	2 225
3 persons	20 067	1 369	1 481	1 114	2 325	382	1 340
4 persons	20 245	1 494	1 300	1 092	2 795	344	1 497
5 persons	10 091	743	677	577	1 321	190	875
6 persons	4 294	363	311	219	519	69	408
7 persons	1 621	122	108	83	188	27	213
8 or more persons	724	67	37	45	100	15	71
Median, occupied housing units	2.48	2.64	2.38	2.48	2.94	2.41	2.87
Median, owner-occupied housing units	2.69	2.80	2.47	2.69	3.15	2.47	2.99
Median, renter-occupied housing units	2.05	2.24	2.08	2.04	2.19	2.17	2.45
Persons Per Room							
Occupied housing units	**115 628**	**7 935**	**8 501**	**6 343**	**12 455**	**2 180**	**7 818**
1.00 or less	112 560	7 674	8 264	6 165	12 165	2 112	7 526
1.01 to 1.50	2 468	223	177	143	238	49	266
1.51 or more	600	38	60	35	52	19	26
Complete plumbing for exclusive use	**112 109**	**7 664**	**8 257**	**6 124**	**12 234**	**2 065**	**7 595**
1.00 or less	109 377	7 430	8 035	5 988	11 958	2 010	7 323
1.01 to 1.50	2 303	203	174	116	232	42	253
1.51 or more	429	31	48	20	44	13	19

[1]Persons of Spanish origin may be of any race.

Table 98. **Occupancy, Utilization, Plumbing, and Financial Characteristics of Rural Housing Units: 1980**—Con.

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The State Counties	Grand Isle	Lamoille	Orange	Orleans	Rutland	Washington	Windham	Windsor
Total housing units	**3 556**	**7 537**	**10 483**	**9 165**	**18 437**	**14 524**	**13 427**	**20 833**
Vacant seasonal and migratory	1 643	989	2 287	2 275	3 161	2 363	2 159	2 517
Year-round housing units	1 913	6 548	8 196	6 890	15 276	12 161	11 268	18 316
YEAR-ROUND HOUSING UNITS								
Persons								
Total persons	**4 613**	**16 767**	**22 739**	**18 684**	**39 911**	**34 328**	**22 126**	**42 817**
Persons in occupied housing units	4 600	16 093	22 040	18 429	38 250	32 180	21 751	42 092
Per occupied housing unit	2.87	2.73	2.84	2.93	2.81	2.83	2.70	2.66
Owner-occupied housing units	3 806	12 356	17 947	14 773	30 883	26 489	17 071	33 379
Renter-occupied housing units	794	3 737	4 093	3 656	7 367	5 691	4 680	8 713
Tenure by Race and Spanish Origin of Householder								
Owner-occupied housing units	**1 288**	**4 077**	**5 901**	**4 822**	**10 313**	**8 845**	**6 011**	**11 660**
White	1 283	4 068	5 872	4 818	10 283	8 823	5 983	11 628
Black	–	...	...	...	...	...	9	14
Spanish origin[1]	...	21	38	9	23	87	18	43
Renter-occupied housing units	**315**	**1 820**	**1 861**	**1 478**	**3 318**	**2 511**	**2 041**	**4 135**
White	315	1 814	1 856	1 469	3 287	2 453	2 015	4 114
Black	–	...	...	...	...	...	10	6
Spanish origin[1]	...	8	6	6	17	14	20	14
Vacancy Status								
Vacant housing units	**310**	**651**	**434**	**590**	**1 645**	**805**	**3 216**	**2 521**
For sale only	23	61	83	63	209	128	121	158
Vacant less than 6 months	7	44	26	28	102	86	77	104
Median price asked	$32 500	$55 000	$35 000	$31 000	$34 900	$42 100	$34 300	$50 200
For rent	25	184	167	84	285	212	332	424
Vacant less than 2 months	7	88	62	27	141	84	163	203
Median rent asked	$195	$175	$181	$151	$189	$154	$177	$190
Other vacants	262	406	184	443	1 151	465	2 763	1 939
Plumbing Facilities								
Year-round housing units	**1 913**	**6 548**	**8 196**	**6 890**	**15 276**	**12 161**	**11 268**	**18 316**
Complete plumbing for exclusive use	1 833	6 371	7 789	6 636	14 842	11 724	10 661	17 631
Lacking complete plumbing for exclusive use	80	177	407	254	434	437	607	685
Complete plumbing but used by another household	2	40	45	23	68	47	46	88
Some but not all plumbing facilities	50	94	280	178	250	284	329	391
No plumbing facilities	28	43	82	53	116	106	232	206
Occupied housing units	**1 603**	**5 897**	**7 762**	**6 300**	**13 631**	**11 356**	**8 052**	**15 795**
Complete plumbing for exclusive use	1 550	5 774	7 410	6 106	13 326	10 999	7 676	15 329
Lacking complete plumbing for exclusive use	53	123	352	194	305	357	376	466
Complete plumbing but used by another household	2	30	43	21	68	45	40	85
Some but not all plumbing facilities	33	74	245	148	180	232	214	269
No plumbing facilities	18	19	64	25	57	80	122	112
VALUE								
Specified owner-occupied housing units	**770**	**2 384**	**3 030**	**2 560**	**6 580**	**5 361**	**3 393**	**6 899**
Less than $10,000	24	26	62	103	154	88	120	110
$10,000 to $19,999	59	151	273	373	469	371	195	430
$20,000 to $29,999	97	368	590	704	1 058	896	569	1 010
$30,000 to $49,999	315	1 142	1 436	1 117	3 012	2 509	1 483	3 040
$50,000 to $99,999	246	614	635	247	1 732	1 429	958	2 026
$100,000 to $149,999	23	72	31	16	125	59	54	223
$150,000 to $199,999	4	9	3	–	27	7	8	33
$200,000 or more	2	2	–	–	3	2	6	27
Median	$42 900	$40 600	$37 700	$31 400	$39 700	$40 700	$40 600	$42 100
CONTRACT RENT								
Specified renter-occupied housing units	**244**	**1 618**	**1 502**	**1 198**	**2 906**	**2 219**	**1 606**	**3 619**
Median	$159	$182	$163	$128	$168	$163	$175	$182
Rooms								
Year-round housing units	**1 913**	**6 548**	**8 196**	**6 890**	**15 276**	**12 161**	**11 268**	**18 316**
1 room	16	119	68	29	161	88	217	258
2 rooms	24	350	256	97	353	312	381	524
3 rooms	107	568	627	372	981	810	979	1 438
4 rooms	334	1 046	1 458	1 075	2 340	1 949	2 057	3 166
5 rooms	444	1 308	1 606	1 479	2 994	2 726	2 246	3 717
6 rooms	367	1 112	1 437	1 392	3 226	2 378	2 063	3 612
7 rooms	287	893	1 096	1 038	2 163	1 599	1 421	2 496
8 or more rooms	334	1 152	1 648	1 408	3 058	2 299	1 904	3 105
Median, year-round housing units	5.6	5.4	5.6	5.8	5.8	5.6	5.4	5.5
Median, occupied housing units	5.6	5.5	5.6	5.8	5.8	5.7	5.6	5.5
Median, owner-occupied housing units	5.9	6.0	6.0	6.1	6.1	6.0	5.9	6.0
Median, renter-occupied housing units	4.5	4.1	4.3	4.8	4.5	4.3	4.3	4.2
Persons in Unit								
Occupied housing units	**1 603**	**5 897**	**7 762**	**6 300**	**13 631**	**11 356**	**8 052**	**15 795**
1 person	289	1 364	1 495	1 167	2 733	2 195	1 733	3 435
2 persons	542	1 823	2 513	1 928	4 397	3 598	2 690	5 333
3 persons	266	955	1 303	1 096	2 407	1 990	1 358	2 681
4 persons	267	997	1 348	1 082	2 193	1 999	1 288	2 549
5 persons	116	480	665	591	1 125	926	646	1 159
6 persons	86	157	275	277	496	423	236	455
7 persons	22	92	107	109	183	169	79	119
8 or more persons	15	29	56	50	97	56	22	64
Median, occupied housing units	2.45	2.37	2.45	2.55	2.43	2.47	2.35	2.34
Median, owner-occupied housing units	2.46	2.70	2.64	2.75	2.61	2.67	2.46	2.47
Median, renter-occupied housing units	2.35	1.85	1.98	2.13	2.01	2.01	2.00	1.92
Persons Per Room								
Occupied housing units	**1 603**	**5 897**	**7 762**	**6 300**	**13 631**	**11 356**	**8 052**	**15 795**
1.00 or less	1 559	5 708	7 525	6 085	13 344	11 084	7 856	15 493
1.01 to 1.50	39	139	172	175	230	241	146	230
1.51 or more	5	50	65	40	57	31	50	72
Complete plumbing for exclusive use	**1 550**	**5 774**	**7 410**	**6 106**	**13 326**	**10 999**	**7 676**	**15 329**
1.00 or less	1 508	5 600	7 215	5 905	13 065	10 756	7 522	15 062
1.01 to 1.50	37	135	159	171	214	224	123	220
1.51 or more	5	39	36	30	47	19	31	47

[1]Persons of Spanish origin may be of any race.

Table 99. **Occupancy, Utilization, and Plumbing Characteristics of Rural Farm Housing Units: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The State Counties	The State	Addison	Bennington	Caledonia	Chittenden	Essex	Franklin
Occupied housing units	**5 116**	**688**	**109**	**367**	**348**	**63**	**765**
PERSONS							
Total persons	**18 079**	**2 648**	**347**	**1 276**	**1 228**	**200**	**3 102**
Persons in occupied housing units	18 079	2 648	347	1 276	1 228	200	3 102
Per occupied housing unit	3.53	3.85	3.18	3.48	3.53	3.17	4.05
Owner-occupied housing units	15 790	2 293	300	1 125	1 013	142	2 706
Renter-occupied housing units	2 289	355	47	151	215	58	396
TENURE BY RACE AND SPANISH ORIGIN OF HOUSEHOLDER							
Owner-occupied housing units	**4 361**	**575**	**91**	**315**	**274**	**54**	**646**
White	4 345	...	91	315	274	54	...
Black	...	–	–	–	–	–	–
Spanish origin[1]	15	...	–	–	–	...	–
Renter-occupied housing units	**755**	**113**	**18**	**52**	**74**	**9**	**119**
White	755	...	18	52	74	9	...
Black	...	–	–	–	–	–	–
Spanish origin[1]	–	...	–	–	–	...	–
PLUMBING FACILITIES							
Owner-occupied housing units	**4 361**	**575**	**91**	**315**	**274**	**54**	**646**
Complete plumbing for exclusive use	4 248	568	91	297	272	...	642
Lacking complete plumbing for exclusive use	113	7	–	18	2	...	4
Complete plumbing but used by another household	26	2	–	2	2	...	4
Some but not all plumbing facilities	76	5	–	12	–	...	–
No plumbing facilities	11	–	–	4	–	...	–
Renter-occupied housing units	**755**	**113**	**18**	**52**	**74**	**9**	**119**
Complete plumbing for exclusive use	723	113	18	46	74	...	117
Lacking complete plumbing for exclusive use	32	–	–	6	–	...	2
Complete plumbing but used by another household	4	–	–	–	–	...	–
Some but not all plumbing facilities	12	–	–	3	–	...	2
No plumbing facilities	16	–	–	3	–	...	–
ROOMS							
1 room	27	1	–	11	–	–	–
2 rooms	48	7	–	–	5	3	–
3 rooms	104	8	–	–	20	–	10
4 rooms	268	23	4	21	9	–	38
5 rooms	533	54	4	26	58	21	47
6 rooms	763	81	29	58	48	4	113
7 rooms	916	117	20	71	50	10	129
8 or more rooms	2 457	397	52	180	158	25	428
Median, occupied housing units	7.4	7.9	7.4	7.5	7.2	6.8	7.7
Median, owner-occupied housing units	7.5	8.0	7.8	7.5	7.7	...	7.8
Median, renter-occupied housing units	6.3	7.1	6.2	7.3	5.7	...	6.6
PERSONS IN UNIT							
1 person	452	32	3	30	47	9	31
2 persons	1 382	154	54	109	94	15	150
3 persons	959	136	25	65	45	16	124
4 persons	987	141	7	73	85	8	189
5 persons	689	115	12	54	28	11	127
6 persons	392	75	6	18	29	2	72
7 persons	161	15	–	16	14	–	45
8 or more persons	94	20	2	2	6	2	27
Median, occupied housing units	3.25	3.66	2.45	3.18	3.23	2.97	3.91
Median, owner-occupied housing units	3.31	3.77	2.65	3.16	3.23	...	4.03
Median, renter-occupied housing units	2.81	3.11	2.00	3.50	3.23	...	3.29
PERSONS PER ROOM							
Owner-occupied housing units	**4 361**	**575**	**91**	**315**	**274**	**54**	**646**
0.50 or less	2 750	349	68	219	188	...	345
0.51 to 0.75	1 048	147	7	43	49	...	216
0.76 to 1.00	462	57	16	33	35	...	75
1.01 to 1.50	82	16	–	11	2	...	10
1.51 or more	19	6	–	9	–	...	–
Renter-occupied housing units	**755**	**113**	**18**	**52**	**74**	**9**	**119**
0.50 or less	431	63	16	33	23	...	72
0.51 to 0.75	202	32	2	8	36	...	27
0.76 to 1.00	107	18	–	11	13	...	20
1.01 to 1.50	10	–	–	–	2	...	–
1.51 or more	5	–	–	–	–	...	–
Complete plumbing for exclusive use							
Owner-occupied housing units	**4 971**	**681**	**109**	**343**	**346**	**56**	**759**
1.00 or less	4 248	568	91	297	272	...	642
1.01 to 1.50	4 166	548	91	288	270	...	632
1.51 or more	75	16	–	9	2	...	10
	7	4	–	–	–	...	–
Renter-occupied housing units	**723**	**113**	**18**	**46**	**74**	...	**117**
1.00 or less	715	113	18	46	72	...	117
1.01 to 1.50	8	–	–	–	2	...	–
1.51 or more	–	–	–	–	–	...	–

[1]Persons of Spanish origin may be of any race.

Table 99. **Occupancy, Utilization, and Plumbing Characteristics of Rural Farm Housing Units: 1980**—Con.

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The State Counties	Grand Isle	Lamoille	Orange	Orleans	Rutland	Washington	Windham	Windsor
Occupied housing units	**108**	**200**	**440**	**615**	**476**	**258**	**265**	**414**
PERSONS								
Total persons	**390**	**650**	**1 480**	**2 228**	**1 582**	**919**	**800**	**1 229**
Persons in occupied housing units	390	650	1 480	2 228	1 582	919	800	1 229
Per occupied housing unit	3.61	3.25	3.36	3.62	3.32	3.56	3.02	2.97
Owner-occupied housing units	351	585	1 320	1 953	1 418	834	703	1 047
Renter-occupied housing units	39	65	160	275	164	85	97	182
TENURE BY RACE AND SPANISH ORIGIN OF HOUSEHOLDER								
Owner-occupied housing units	**92**	**169**	**394**	**539**	**420**	**237**	**216**	**339**
White	92	169	...	539	420	237	...	339
Black	–	–	...	–	–	–	–	–
Spanish origin[1]	–	–	...	...	–	...	–	–
Renter-occupied housing units	**16**	**31**	**46**	**76**	**56**	**21**	**49**	**75**
White	16	31	...	76	56	21	...	75
Black	–	–	...	–	–	–	–	–
Spanish origin[1]	–	–	...	...	–	...	–	–
PLUMBING FACILITIES								
Owner-occupied housing units	**92**	**169**	**394**	**539**	**420**	**237**	**216**	**339**
Complete plumbing for exclusive use	92	162	372	530	402	231	216	324
Lacking complete plumbing for exclusive use	–	7	22	9	18	6	–	15
Complete plumbing but used by another household	–	–	5	2	7	–	–	2
Some but not all plumbing facilities	–	6	15	7	9	6	–	13
No plumbing facilities	–	1	2	–	2	–	–	–
Renter-occupied housing units	**16**	**31**	**46**	**76**	**56**	**21**	**49**	**75**
Complete plumbing for exclusive use	16	31	41	75	53	19	44	69
Lacking complete plumbing for exclusive use	–	–	5	1	3	2	5	6
Complete plumbing but used by another household	–	–	–	–	–	–	2	–
Some but not all plumbing facilities	–	–	–	–	3	–	–	4
No plumbing facilities	–	–	5	1	–	2	3	2
ROOMS								
1 room	–	1	3	1	–	3	5	2
2 rooms	–	8	6	–	11	3	2	3
3 rooms	3	4	2	2	17	2	14	22
4 rooms	4	13	33	25	30	12	22	34
5 rooms	22	20	51	84	25	29	19	73
6 rooms	13	32	94	86	79	29	42	55
7 rooms	26	42	62	147	83	54	56	49
8 or more rooms	40	80	189	270	231	126	105	176
Median, occupied housing units	7.0	7.0	7.0	7.2	7.4	7.4	7.0	6.9
Median, owner-occupied housing units	7.2	7.2	7.1	7.4	7.5	7.4	7.2	7.1
Median, renter-occupied housing units	5.0	4.4	6.2	6.2	6.5	8.5+	4.5	6.1
PERSONS IN UNIT								
1 person	8	26	40	45	52	15	50	64
2 persons	23	67	137	132	138	86	79	144
3 persons	18	29	108	129	95	52	31	86
4 persons	20	33	63	135	83	42	36	72
5 persons	19	32	48	88	51	26	51	27
6 persons	16	7	23	51	38	25	16	14
7 persons	2	4	12	27	14	8	2	2
8 or more persons	2	2	9	8	5	4	–	5
Median, occupied housing units	3.75	2.74	2.90	3.51	3.01	3.04	2.61	2.49
Median, owner-occupied housing units	3.92	3.17	2.85	3.52	3.10	3.00	2.95	2.64
Median, renter-occupied housing units	2.25	1.56	3.79	3.41	2.45	3.40	2.00	2.07
PERSONS PER ROOM								
Owner-occupied housing units	**92**	**169**	**394**	**539**	**420**	**237**	**216**	**339**
0.50 or less	44	97	271	317	273	162	130	246
0.51 to 0.75	29	44	65	167	105	44	70	55
0.76 to 1.00	15	23	51	51	29	28	16	27
1.01 to 1.50	4	4	5	4	13	3	–	10
1.51 or more	–	1	2	–	–	–	–	1
Renter-occupied housing units	**16**	**31**	**46**	**76**	**56**	**21**	**49**	**75**
0.50 or less	9	23	25	37	39	10	23	58
0.51 to 0.75	2	8	14	22	14	7	21	9
0.76 to 1.00	5	–	4	11	3	4	5	6
1.01 to 1.50	–	–	–	6	–	–	–	–
1.51 or more	–	–	3	–	–	–	–	2
Complete plumbing for exclusive use	**108**	**193**	**413**	**605**	**455**	**250**	**260**	**393**
Owner-occupied housing units	**92**	**162**	**372**	**530**	**402**	**231**	**216**	**324**
1.00 or less	88	158	365	526	393	229	216	313
1.01 to 1.50	4	4	5	4	9	2	–	10
1.51 or more	–	–	2	–	–	–	–	1
Renter-occupied housing units	**16**	**31**	**41**	**75**	**53**	**19**	**44**	**69**
1.00 or less	16	31	41	69	53	19	44	69
1.01 to 1.50	–	–	–	6	–	–	–	–
1.51 or more	–	–	–	–	–	–	–	–

[1]Persons of Spanish origin may be of any race.

Table 100. **Selected Characteristics of Rural Housing Units: 1980**

[Dots are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The State Counties	The State	Addison	Bennington	Caledonia	Chittenden	Essex	Franklin
Year-round housing units	**130 670**	**8 807**	**10 171**	**7 074**	**13 041**	**2 424**	**8 585**
Complete kitchen facilities	127 310	8 503	9 901	6 848	12 858	2 334	8 356
UNITS IN STRUCTURE							
1	96 079	6 640	7 438	5 180	9 537	1 815	6 612
2 or more	22 330	1 178	1 728	1 327	1 907	424	1 107
Mobile home or trailer, etc	12 261	989	1 005	567	1 597	185	866
HEATING EQUIPMENT							
Central heating system	90 436	5 825	7 962	4 648	9 290	1 732	5 888
Room heaters with flue	6 320	438	428	395	501	117	607
Room heaters without flue	1 472	111	101	120	129	35	165
Fireplaces, stoves, or portable room heaters	31 988	2 359	1 663	1 882	3 092	534	1 902
None	454	74	17	29	29	6	23
YEAR STRUCTURE BUILT							
1979 to March 1980	4 567	407	308	167	658	63	290
1975 to 1978	13 876	838	820	751	2 254	207	1 067
1970 to 1974	19 228	1 260	1 651	1 034	2 740	226	1 105
1960 to 1969	20 709	1 300	1 801	737	3 060	253	1 106
1940 to 1959	14 744	908	1 465	578	1 099	299	798
1939 or earlier	57 546	4 094	4 126	3 807	3 230	1 376	4 219
SOURCE OF WATER							
Public system or private company	49 517	3 405	4 118	2 784	5 511	1 143	3 081
Individual drilled well	40 739	2 911	3 707	1 232	3 783	499	2 150
Individual dug well	16 382	914	1 120	1 084	1 985	269	1 408
Some other source	24 032	1 577	1 226	1 974	1 762	513	1 946
SEWAGE DISPOSAL							
Public sewer	31 567	1 173	2 199	1 796	2 056	842	1 560
Septic tank or cesspool	94 326	7 253	7 657	5 005	10 690	1 463	6 730
Other means	4 777	381	315	273	295	119	295
AIR CONDITIONING							
None	121 130	8 071	9 203	6 805	11 680	2 349	7 882
Central system	692	62	48	16	105	6	42
1 or more individual room units	8 848	674	920	253	1 256	69	661
Occupied housing units	**115 628**	**7 935**	**8 501**	**6 343**	**12 455**	**2 180**	**7 818**
No telephone	7 829	680	488	572	550	216	473
YEAR HOUSEHOLDER MOVED INTO UNIT							
1979 to March 1980	22 302	1 590	1 574	1 160	2 609	366	1 245
1975 to 1978	33 248	2 304	2 468	1 787	4 372	512	2 182
1970 to 1974	20 790	1 493	1 403	1 221	2 498	401	1 374
1960 to 1969	18 444	1 194	1 456	925	1 745	361	1 342
1959 or earlier	20 844	1 354	1 600	1 250	1 231	540	1 675
HOUSE HEATING FUEL							
Utility gas	762	8	14	4	326	15	176
Bottled, tank, or LP gas	7 017	457	326	493	562	136	249
Electricity	8 858	494	574	247	1 598	98	355
Fuel oil, kerosene, etc	70 494	4 883	6 052	3 928	6 972	1 471	5 324
Coal or coke	575	25	21	43	70	10	55
Wood	27 769	2 057	1 509	1 619	2 919	448	1 648
Other fuel	65	–	3	2	2	2	2
No fuel used	88	11	2	7	6	–	9
VEHICLES AVAILABLE							
Total:							
None	7 750	543	544	573	378	213	551
1	45 401	2 929	3 434	2 612	4 347	1 055	3 058
2	42 580	2 968	3 137	2 230	5 072	658	2 936
3 or more	19 897	1 495	1 386	928	2 658	254	1 273
Trucks or vans:							
None	75 361	4 847	5 814	3 879	8 333	1 431	5 024
1	36 806	2 739	2 434	2 251	3 818	680	2 589
2	3 045	320	226	204	266	61	179
3 or more	416	29	27	9	38	8	26
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER							
Occupied housing units	**23 253**	**1 546**	**1 925**	**1 401**	**1 319**	**596**	**1 432**
Owner-occupied housing units	18 675	1 309	1 612	1 056	1 117	487	1 141
Lacking complete plumbing for exclusive use	970	82	68	58	51	33	75
No complete kitchen facilities	421	23	22	24	16	16	28
No vehicle available	4 650	317	287	331	202	127	356
No telephone	1 112	88	44	89	46	36	78
Lacking central heating system	5 133	346	263	357	284	137	390
Lacking air conditioning	21 359	1 406	1 732	1 340	1 202	582	1 320
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS							
Specified owner-occupied housing units	**51 851**	**3 462**	**4 043**	**2 633**	**6 099**	**992**	**3 645**
With a mortgage	33 117	2 197	2 341	1 676	4 930	506	2 308
Less than $100	92	10	12	8	4	5	9
$100 to $199	2 766	191	125	206	154	106	242
$200 to $299	11 048	822	600	699	1 206	228	821
$300 to $399	10 366	715	725	548	1 506	130	770
$400 to $599	7 299	416	680	191	1 606	33	417
$600 or more	1 546	43	199	24	454	4	49
Median	$324	$309	$356	$289	$373	$263	$310
Not mortgaged	18 734	1 265	1 702	957	1 169	486	1 337
Median	$154	$156	$160	$141	$173	$135	$146
GROSS RENT							
Specified renter-occupied housing units	**23 216**	**1 331**	**1 860**	**1 294**	**2 039**	**454**	**1 326**
Less than $80	619	34	53	94	6	17	34
$80 to $99	406	22	28	27	21	11	19
$100 to $149	2 023	107	184	167	55	74	148
$150 to $199	4 517	232	288	346	164	131	258
$200 to $299	8 815	510	695	447	774	133	463
$300 to $399	2 982	161	285	70	574	21	102
$400 or more	1 024	42	99	6	247	4	16
No cash rent	2 830	223	228	137	198	63	286
Median	$223	$221	$233	$188	$289	$190	$213
MEDIAN HOUSEHOLD INCOME IN 1979							
Occupied housing units	**$14 874**	**$14 545**	**$15 486**	**$12 900**	**$19 364**	**$12 272**	**$14 550**
Owner-occupied housing units	$16 403	$15 896	$17 202	$14 556	$21 097	$13 553	$15 981
Renter-occupied housing units	$10 146	$10 331	$10 954	$8 077	$13 041	$9 310	$9 650

Table 100. **Selected Characteristics of Rural Housing Units: 1980**—Con.

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The State Counties	Grand Isle	Lamoille	Orange	Orleans	Rutland	Washington	Windham	Windsor
Year-round housing units	**1 913**	**6 548**	**8 196**	**6 890**	**15 276**	**12 161**	**11 268**	**18 316**
Complete kitchen facilities	1 857	6 431	7 989	6 749	14 926	11 922	10 831	17 805
UNITS IN STRUCTURE								
1	1 576	4 223	6 013	5 149	11 097	8 844	8 795	13 160
2 or more	134	1 729	1 389	1 065	2 868	2 181	1 683	3 610
Mobile home or trailer, etc	203	596	794	676	1 311	1 136	790	1 546
HEATING EQUIPMENT								
Central heating system	1 263	4 674	5 329	4 619	11 123	8 202	7 233	12 648
Room heaters with flue	166	328	355	376	715	499	491	904
Room heaters without flue	20	85	81	109	183	127	83	123
Fireplaces, stoves, or portable room heaters	454	1 443	2 416	1 749	3 208	3 301	3 427	4 558
None	10	18	15	37	47	32	34	83
YEAR STRUCTURE BUILT								
1979 to March 1980	77	311	287	185	474	405	321	614
1975 to 1978	201	738	759	691	1 450	1 127	1 251	1 722
1970 to 1974	254	947	1 175	826	2 018	2 032	1 603	2 357
1960 to 1969	327	1 048	1 069	952	2 302	2 060	2 120	2 574
1940 to 1959	220	588	762	577	1 672	1 360	1 629	2 789
1939 or earlier	834	2 916	4 144	3 659	7 360	5 177	4 344	8 260
SOURCE OF WATER								
Public system or private company	624	2 817	2 695	2 791	6 565	5 245	1 481	7 257
Individual drilled well	365	1 539	1 942	1 420	5 336	3 774	5 835	6 246
Individual dug well	134	550	1 946	671	1 388	823	1 780	2 310
Some other source	790	1 642	1 613	2 008	1 987	2 319	2 172	2 503
SEWAGE DISPOSAL								
Public sewer	178	1 951	1 715	1 808	5 193	3 948	1 420	5 728
Septic tank or cesspool	1 670	4 382	6 108	4 759	9 641	7 896	9 158	11 914
Other means	65	215	373	323	442	317	690	674
AIR CONDITIONING								
None	1 809	6 193	7 770	6 621	13 708	11 497	10 591	16 951
Central system	10	22	46	18	92	57	40	128
1 or more individual room units	94	333	380	251	1 476	607	637	1 237
Occupied housing units	**1 603**	**5 897**	**7 762**	**6 300**	**13 631**	**11 356**	**8 052**	**15 795**
No telephone	146	458	664	412	928	619	630	993
YEAR HOUSEHOLDER MOVED INTO UNIT								
1979 to March 1980	267	1 487	1 518	1 178	2 495	2 153	1 596	3 064
1975 to 1978	436	1 649	2 102	1 731	3 789	3 213	2 334	4 369
1970 to 1974	301	902	1 475	1 149	2 327	2 074	1 383	2 789
1960 to 1969	279	933	1 155	1 067	2 121	2 018	1 291	2 557
1959 or earlier	320	926	1 512	1 175	2 899	1 898	1 448	3 016
HOUSE HEATING FUEL								
Utility gas	–	37	21	–	18	54	22	67
Bottled, tank, or LP gas	136	484	466	256	720	906	555	1 271
Electricity	149	749	508	388	770	1 338	578	1 012
Fuel oil, kerosene, etc	937	3 312	4 491	4 062	9 247	5 959	4 268	9 588
Coal or coke	12	17	38	17	105	81	34	47
Wood	369	1 298	2 225	1 557	2 754	2 999	2 574	3 793
Other fuel	–	–	11	7	7	8	12	9
No fuel used	–	–	2	13	10	11	9	8
VEHICLES AVAILABLE								
Total:								
None	91	580	577	501	881	747	414	1 157
1	616	2 498	3 064	2 792	5 211	4 738	2 975	6 072
2	595	1 958	2 725	2 052	5 075	4 146	3 137	5 891
3 or more	301	861	1 396	955	2 464	1 725	1 526	2 675
Trucks or vans:								
None	1 055	4 048	4 867	3 960	8 814	7 920	5 002	10 367
1	509	1 727	2 587	2 168	4 396	3 219	2 724	4 965
2	34	106	261	152	383	188	272	393
3 or more	5	16	47	20	38	29	54	70
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER								
Occupied housing units	**368**	**1 207**	**1 828**	**1 275**	**3 146**	**2 084**	**1 684**	**3 442**
Owner-occupied housing units	325	847	1 463	980	2 479	1 730	1 410	2 719
Lacking complete plumbing for exclusive use	19	38	93	46	82	106	84	135
No complete kitchen facilities	10	12	33	23	50	31	52	81
No vehicle available	70	340	366	301	614	401	269	669
No telephone	21	40	124	54	150	67	130	145
Lacking central heating system	104	262	482	287	622	464	450	685
Lacking air conditioning	352	1 108	1 714	1 214	2 785	1 931	1 541	3 132
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS								
Specified owner-occupied housing units	**770**	**2 384**	**3 030**	**2 560**	**6 580**	**5 361**	**3 393**	**6 899**
With a mortgage	452	1 536	1 869	1 536	3 830	3 674	2 031	4 231
Less than $100	2	–	3	5	2	19	5	8
$100 to $199	53	152	139	284	325	296	180	313
$200 to $299	170	590	750	735	1 109	1 382	663	1 273
$300 to $399	125	460	575	351	1 313	1 149	709	1 290
$400 to $599	82	255	349	146	892	716	399	1 117
$600 or more	20	79	53	15	189	112	75	230
Median	$301	$305	$307	$264	$333	$311	$321	$339
Not mortgaged	318	848	1 161	1 024	2 750	1 687	1 362	2 668
Median	$143	$157	$148	$138	$159	$160	$142	$162
GROSS RENT								
Specified renter-occupied housing units	**244**	**1 618**	**1 502**	**1 198**	**2 906**	**2 219**	**1 606**	**3 619**
Less than $80	5	54	94	55	49	39	13	72
$80 to $99	1	26	48	26	73	35	19	50
$100 to $149	16	159	122	168	247	244	108	224
$150 to $199	38	312	315	344	569	499	316	705
$200 to $299	78	703	541	384	1 135	839	607	1 506
$300 to $399	32	135	151	49	365	264	245	528
$400 or more	11	74	48	9	111	94	74	189
No cash rent	63	155	183	163	357	205	224	345
Median	$236	$217	$209	$191	$224	$215	$232	$233
MEDIAN HOUSEHOLD INCOME IN 1979								
Occupied housing units	**$14 580**	**$13 032**	**$12 846**	**$12 579**	**$15 260**	**$14 900**	**$14 118**	**$15 615**
Owner-occupied housing units	$15 409	$15 254	$14 511	$14 035	$16 563	$16 417	$15 585	$17 384
Renter-occupied housing units	$10 938	$9 173	$9 100	$9 284	$10 589	$10 254	$10 453	$10 318

Table 101. **Selected Characteristics of Rural Farm Housing Units: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The State Counties	The State	Addison	Bennington	Caledonia	Chittenden	Essex	Franklin
Occupied housing units	**5 116**	**688**	**109**	**367**	**348**	**63**	**765**
Complete kitchen facilities	5 046	685	106	350	348	58	758
No telephone	149	16	2	21	–	5	22
UNITS IN STRUCTURE							
1	4 393	571	97	317	267	56	674
2 or more	559	94	5	36	73	4	75
Mobile home or trailer, etc	164	23	7	14	8	3	16
HEATING EQUIPMENT							
Central heating system	3 233	500	91	235	203	34	508
Room heaters with flue	129	13	–	8	7	4	21
Room heaters without flue	36	–	–	7	–	–	7
Fireplaces, stoves, or portable room heaters	1 710	175	18	117	138	25	229
None	8	–	–	–	–	–	–
YEAR STRUCTURE BUILT							
1979 to March 1980	65	15	–	9	–	2	13
1975 to 1978	245	30	13	34	25	4	20
1970 to 1974	310	36	3	13	40	–	21
1960 to 1969	277	24	2	18	23	5	35
1940 to 1959	409	46	11	16	25	10	58
1939 or earlier	3 810	537	80	277	235	42	618
SOURCE OF WATER							
Public system or private company	482	208	5	12	22	4	57
Individual drilled well	1 828	303	40	112	160	14	250
Individual dug well	735	31	29	48	55	10	97
Some other source	2 071	146	35	195	111	35	361
SEWAGE DISPOSAL							
Public sewer	58	7	4	2	5	4	4
Septic tank or cesspool	4 821	655	105	330	319	52	745
Other means	237	26	–	35	24	7	16
AIR CONDITIONING							
None	4 854	622	96	362	326	60	738
Central system	17	2	3	–	3	–	2
1 or more individual room units	245	64	10	5	19	3	25
YEAR HOUSEHOLDER MOVED INTO UNIT							
1979 to March 1980	447	55	5	36	52	13	87
1975 to 1978	820	132	33	84	49	15	96
1970 to 1974	725	128	6	46	63	8	93
1960 to 1969	891	138	15	54	50	9	151
1959 or earlier	2 233	235	50	147	134	18	338
HOUSE HEATING FUEL							
Utility gas	18	–	–	–	5	3	7
Bottled, tank, or LP gas	215	25	5	19	5	4	10
Electricity	117	8	–	3	14	2	8
Fuel oil, kerosene, etc	3 034	484	82	228	184	29	507
Coal or coke	46	–	2	9	2	–	10
Wood	1 676	171	18	108	138	25	223
Other fuel	2	–	2	–	–	–	–
No fuel used	8	–	–	–	–	–	–
VEHICLES AVAILABLE							
Total:							
None	63	7	2	6	7	–	7
1	1 285	136	41	90	105	19	181
2	2 060	277	33	183	107	27	306
3 or more	1 708	268	33	88	129	17	271
Trucks or vans:							
None	1 753	215	59	99	155	23	281
1	2 785	366	41	221	174	31	414
2	505	98	9	45	14	9	57
3 or more	73	9	–	2	5	–	13
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER							
Occupied housing units	**895**	**75**	**27**	**62**	**72**	**11**	**80**
Owner-occupied housing units	801	64	27	59	68	11	47
Lacking complete plumbing for exclusive use	42	3	–	3	2	–	2
No complete kitchen facilities	13	1	–	3	–	–	–
No vehicle available	51	5	2	2	7	–	5
No telephone	24	–	–	3	–	–	1
Lacking central heating system	363	11	2	27	30	4	36
Lacking air conditioning	859	75	27	60	70	8	78
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS							
Specified owner-occupied housing units	**185**	**29**	**4**	**8**	**5**	**5**	**21**
With a mortgage	108	17	2	6	3	–	17
Less than $100	–	–	–	–	–	–	–
$100 to $199	5	2	–	–	–	–	–
$200 to $299	35	6	–	–	2	–	8
$300 to $399	22	7	2	–	–	–	–
$400 to $599	29	–	–	6	–	–	–
$600 or more	17	2	–	–	1	–	9
Median	$350	$306	$325	$425	$288	–	$606
Not mortgaged	77	12	2	2	2	5	4
Median	$152	$188	$138	$163	$163	$208	$225
GROSS RENT							
Specified renter-occupied housing units	**270**	**39**	**1**	**15**	**13**	...	**49**
Less than $80	2	2	–	–	–	...	–
$80 to $99	10	–	–	–	–	...	6
$100 to $149	5	3	–	–	–	...	–
$150 to $199	34	5	–	2	–	...	1
$200 to $299	41	2	–	–	6	...	4
$300 to $399	20	5	–	6	–	...	–
$400 or more	4	–	–	–	–	...	–
No cash rent	154	22	1	7	7	...	38
Median	$210	$185	–	$317	$281	...	$99
MEDIAN HOUSEHOLD INCOME IN 1979							
Occupied housing units	**$15 704**	**$18 208**	**$19 519**	**$14 676**	**$18 804**	**$12 768**	**$19 726**
Owner-occupied housing units	$16 512	$19 460	$18 558	$15 721	$21 667	...	$20 560
Renter-occupied housing units	$11 377	$13 036	$29 167	$10 556	$14 615	...	$12 396

Table 101. **Selected Characteristics of Rural Farm Housing Units: 1980**—Con.

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The State Counties	Grand Isle	Lamoille	Orange	Orleans	Rutland	Washington	Windham	Windsor
Occupied housing units	**108**	**200**	**440**	**615**	**476**	**258**	**265**	**414**
Complete kitchen facilities	108	197	433	612	472	253	258	408
No telephone	7	1	16	16	9	8	14	12
UNITS IN STRUCTURE								
1	96	158	371	567	415	235	227	342
2 or more	4	32	52	35	41	19	36	53
Mobile home or trailer, etc	8	10	17	13	20	4	2	19
HEATING EQUIPMENT								
Central heating system	67	125	258	386	275	179	139	233
Room heaters with flue	4	4	6	14	21	3	3	21
Room heaters without flue	–	2	8	2	2	3	–	5
Fireplaces, stoves, or portable room heaters	37	69	168	211	172	73	123	155
None	–	–	–	2	6	–	–	–
YEAR STRUCTURE BUILT								
1979 to March 1980	3	2	4	6	1	5	–	5
1975 to 1978	7	6	4	25	19	19	15	24
1970 to 1974	5	28	23	51	41	9	19	21
1960 to 1969	8	10	24	44	22	28	25	9
1940 to 1959	10	6	42	36	52	16	23	58
1939 or earlier	75	148	343	453	341	181	183	297
SOURCE OF WATER								
Public system or private company	27	8	26	38	49	14	6	6
Individual drilled well	32	37	91	187	196	90	128	188
Individual dug well	4	42	111	51	76	28	54	99
Some other source	45	113	212	339	155	126	77	121
SEWAGE DISPOSAL								
Public sewer	–	5	3	6	11	2	3	2
Septic tank or cesspool	106	178	409	595	448	247	249	383
Other means	2	17	28	14	17	9	13	29
AIR CONDITIONING								
None	104	182	418	596	457	252	255	386
Central system	–	–	2	5	–	–	–	–
1 or more individual room units	4	18	20	14	19	6	10	28
YEAR HOUSEHOLDER MOVED INTO UNIT								
1979 to March 1980	9	21	32	52	16	14	20	35
1975 to 1978	14	19	38	114	75	44	53	54
1970 to 1974	10	34	57	118	50	21	35	56
1960 to 1969	25	31	70	92	82	57	44	73
1959 or earlier	50	95	243	239	253	122	113	196
HOUSE HEATING FUEL								
Utility gas	–	–	–	–	–	3	–	–
Bottled, tank, or LP gas	6	12	16	10	29	28	13	33
Electricity	3	23	6	14	4	15	13	4
Fuel oil, kerosene, etc	62	96	250	376	265	139	116	216
Coal or coke	–	–	8	2	–	–	2	11
Wood	37	69	160	211	172	73	121	150
Other fuel	–	–	–	–	–	–	–	–
No fuel used	–	–	–	2	6	–	–	–
VEHICLES AVAILABLE								
Total:								
None	–	2	7	5	9	–	8	3
1	20	67	122	185	89	54	79	97
2	37	78	192	272	175	99	102	172
3 or more	51	53	119	153	203	105	76	142
Trucks or vans:								
None	40	73	146	224	136	99	106	97
1	63	107	235	342	279	131	140	241
2	2	12	49	45	52	26	12	75
3 or more	3	8	10	4	9	2	7	1
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER								
Occupied housing units	**18**	**35**	**99**	**91**	**113**	**41**	**64**	**107**
Owner-occupied housing units	16	33	95	87	102	34	56	102
Lacking complete plumbing for exclusive use	–	2	15	4	2	2	–	7
No complete kitchen facilities	–	2	2	1	2	2	–	–
No vehicle available	–	2	6	5	9	–	5	3
No telephone	3	–	4	4	2	–	7	–
Lacking central heating system	6	25	36	49	39	17	44	37
Lacking air conditioning	18	33	92	91	110	39	64	94
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS								
Specified owner-occupied housing units	**2**	**15**	**16**	**15**	**21**	**8**	**13**	**23**
With a mortgage	2	4	7	14	6	5	6	19
Less than $100	–	–	–	–	–	–	–	–
$100 to $199	–	–	–	–	3	–	–	–
$200 to $299	–	–	3	8	3	3	2	–
$300 to $399	–	–	2	5	–	2	4	–
$400 to $599	–	2	2	–	–	–	–	19
$600 or more	2	2	–	1	–	–	–	–
Median	$775	$800	$363	$275	$225	$242	$313	$490
Not mortgaged	–	11	9	1	15	3	7	4
Median	–	$152	$156	$138	$127	$213	$117	$217
GROSS RENT								
Specified renter-occupied housing units	**6**	**19**	**18**	**26**	**15**	**5**	**26**	**36**
Less than $80	–	–	–	–	–	–	–	–
$80 to $99	–	–	4	–	–	–	–	–
$100 to $149	–	–	–	2	–	–	–	–
$150 to $199	–	10	–	4	2	5	–	3
$200 to $299	–	7	–	–	3	–	11	8
$300 to $399	2	–	4	–	–	–	3	–
$400 or more	–	–	–	3	1	–	–	–
No cash rent	4	2	10	17	9	–	12	25
Median	$325	$183	$195	$193	$213	$172	$216	$252
MEDIAN HOUSEHOLD INCOME IN 1979								
Occupied housing units	**$17 143**	**$13 500**	**$12 222**	**$13 170**	**$16 337**	**$14 539**	**$16 607**	**$14 167**
Owner-occupied housing units	$18 333	$13 359	$12 955	$13 596	$17 171	$15 114	$18 333	$15 313
Renter-occupied housing units	$5 625	$14 063	$8 571	$9 000	$10 682	$8 194	$15 521	$10 313

Table 102. **Selected Characteristics of American Indian Reservations: 1980**

(The above table(s) were omitted because there were no qualifying areas)

Table B-1. **Computer Allocation Rates for Nonresponse or Inconsistency: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The State Urban and Rural and Size of Place Inside and Outside SMSA's	The State	Urban						Rural				
			Inside urbanized areas			Outside urbanized areas						
		Total	Total	Central cities	Urban fringe	Places of 10,000 or more	Places of 2,500 to 10,000	Total	Places of 1,000 to 2,500	Rural farm	Inside SMSA's	Outside SMSA's
Year-round housing units (number)	**196 459**	**65 789**	**27 064**	**13 706**	**13 358**	**7 341**	**31 384**	**130 670**	**18 315**	**5 116**	**39 474**	**156 985**
Year structure built	**6.5**	**6.0**	**5.9**	**6.9**	**4.9**	**6.0**	**6.2**	**6.7**	**5.2**	**1.3**	**5.6**	**6.7**
1979 to March 1980	0.1	0.1	0.1	–	0.2	–	0.1	0.2	0.1	–	0.1	0.1
1975 to 1978	0.6	0.2	0.3	0.2	0.5	–	0.1	0.7	0.1	0.1	0.5	0.6
1970 to 1974	0.7	0.3	0.4	0.3	0.6	0.4	0.2	0.9	0.3	0.1	0.6	0.8
1960 to 1969	0.9	0.6	0.7	0.6	0.8	0.5	0.5	1.1	0.5	0.4	0.9	0.9
1950 to 1959	0.5	0.5	0.7	0.7	0.6	0.4	0.3	0.5	0.4	–	0.5	0.5
1940 to 1949	0.4	0.5	0.6	0.7	0.5	0.5	0.4	0.3	0.3	0.2	0.5	0.3
1939 or earlier	3.3	3.9	3.1	4.5	1.7	4.2	4.5	3.0	3.6	0.5	2.6	3.5
Heating equipment	**10.1**	**7.4**	**6.8**	**6.6**	**7.1**	**8.2**	**7.8**	**11.4**	**9.3**	**8.4**	**7.2**	**10.8**
Steam or hot water system	2.6	3.3	2.5	2.5	2.5	4.4	3.7	2.2	2.8	1.1	2.2	2.7
Central warm-air furnace	2.7	2.0	2.0	1.7	2.2	2.1	1.9	3.1	2.9	1.6	2.0	2.9
Electric heat pump	0.1	0.1	–	–	0.1	0.1	0.1	0.1	–	–	0.1	0.1
Other built-in electric units	0.7	0.5	0.8	0.8	0.8	0.1	0.4	0.8	0.5	0.1	0.8	0.7
Floor, wall, or pipeless furnace	0.1	0.1	0.1	0.1	–	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Room heaters with flue	0.5	0.5	0.5	0.8	0.2	0.6	0.4	0.5	0.7	0.1	0.4	0.5
Room heaters without flue	0.1	0.1	0.2	0.3	0.2	0.1	0.1	0.1	0.3	–	0.2	0.1
Fireplaces, stoves, or portable room heaters	3.2	0.9	0.7	0.3	1.1	0.7	1.2	4.4	2.0	5.4	1.5	3.7
None	–	–	–	–	–	–	–	–	–	–	–	–
Bedrooms	**5.6**	**4.7**	**4.8**	**5.7**	**3.8**	**4.4**	**4.8**	**6.0**	**4.7**	**2.0**	**4.1**	**6.0**
None	1.0	1.3	1.5	2.0	1.0	0.7	1.3	0.8	0.7	0.4	1.3	0.9
1	1.0	1.0	0.9	1.3	0.4	1.2	1.0	0.9	0.8	0.3	0.7	1.0
2	1.4	1.1	1.0	1.0	1.0	1.1	1.2	1.5	1.0	0.7	0.9	1.5
3	1.5	1.0	1.0	0.9	1.1	1.0	1.0	1.7	1.4	0.5	0.9	1.6
4	0.6	0.3	0.3	0.4	0.2	0.3	0.2	0.7	0.7	0.1	0.3	0.6
5 or more	0.3	0.1	–	–	0.1	–	0.1	0.4	0.2	–	0.1	0.3
Units in structure	**6.7**	**6.2**	**6.7**	**7.8**	**5.5**	**5.5**	**6.0**	**6.9**	**6.4**	**4.4**	**6.3**	**6.8**
1, detached	3.0	1.3	1.1	0.9	1.3	1.1	1.5	3.8	2.5	1.7	1.6	3.3
1, attached	–	0.1	0.1	0.1	0.1	–	–	–	0.1	–	0.1	–
2	0.8	0.5	0.5	0.5	0.5	0.3	0.6	0.9	0.9	1.3	0.6	0.8
3 and 4	0.8	1.0	0.8	1.1	0.5	0.8	1.2	0.7	1.1	1.0	0.8	0.8
5 to 9	0.8	1.3	1.4	2.2	0.5	1.2	1.3	0.6	1.2	–	1.1	0.8
10 to 49	0.8	1.5	2.1	2.1	2.1	1.4	1.0	0.5	0.5	–	1.7	0.6
50 or more	0.2	0.4	0.6	0.9	0.4	0.6	0.2	0.1	–	–	0.4	0.1
Mobile home or trailer, etc	0.2	0.1	0.1	–	0.1	0.1	0.1	0.3	0.2	0.3	0.1	0.3
Bathrooms	**5.1**	**4.3**	**3.8**	**4.5**	**3.1**	**4.3**	**4.7**	**5.6**	**4.3**	**2.0**	**3.4**	**5.6**
No bathroom or only a half bath	1.5	1.4	1.1	1.5	0.7	1.3	1.7	1.6	1.2	1.0	1.0	1.6
1 complete bathroom	2.6	2.2	2.0	2.3	1.6	2.2	2.4	2.8	2.2	0.5	1.6	2.8
1 complete bathroom plus half bath(s)	0.4	0.3	0.4	0.3	0.4	0.3	0.4	0.5	0.5	0.2	0.4	0.5
2 or more complete bathrooms	0.6	0.3	0.4	0.4	0.5	0.5	0.2	0.7	0.4	0.2	0.4	0.6
Kitchen facilities	**4.2**	**3.3**	**3.1**	**3.8**	**2.4**	**3.4**	**3.4**	**4.7**	**3.7**	**1.1**	**2.8**	**4.6**
Complete kitchen facilities	3.9	3.1	3.0	3.7	2.4	3.2	3.2	4.2	3.5	0.9	2.7	4.2
No complete kitchen facilities	0.3	0.1	0.1	0.1	0.1	0.1	0.2	0.4	0.1	0.2	0.1	0.4
Air conditioning	**3.9**	**3.2**	**3.1**	**3.5**	**2.6**	**3.7**	**3.2**	**4.2**	**3.8**	**1.1**	**2.7**	**4.2**
None	3.5	2.7	2.6	3.0	2.2	3.3	2.7	3.9	3.3	1.0	2.3	3.8
Central system	–	–	–	–	0.1	–	–	–	–	–	–	–
1 or more individual room units	0.3	0.4	0.4	0.5	0.4	0.3	0.4	0.2	0.4	0.1	0.3	0.3
Source of water	**3.9**	**2.0**	**2.0**	**2.4**	**1.5**	**1.4**	**2.1**	**4.9**	**2.2**	**2.4**	**2.1**	**4.4**
Public system or private company	2.2	1.9	1.9	2.4	1.4	1.4	2.1	2.3	2.1	0.3	1.7	2.3
Individual drilled well	0.9	–	–	–	0.1	–	–	1.3	–	1.1	0.2	1.0
Individual dug well	0.3	–	–	–	–	–	–	0.4	–	0.3	–	0.4
Some other source	0.6	–	–	–	–	–	–	0.9	0.1	0.8	0.2	0.7
Sewage disposal	**4.1**	**2.6**	**3.0**	**2.7**	**3.3**	**1.8**	**2.5**	**4.8**	**2.9**	**1.1**	**3.1**	**4.3**
Public sewer	2.3	2.3	2.6	2.6	2.7	1.6	2.1	2.2	2.3	–	2.3	2.2
Septic tank or cesspool	1.5	0.2	0.3	0.1	0.5	–	0.1	2.1	0.4	1.0	0.7	1.7
Other means	0.3	0.2	–	0.1	–	0.2	0.2	0.4	0.1	0.1	0.1	0.4
Stories in structure	**3.4**	**3.2**	**3.0**	**3.5**	**2.5**	**2.8**	**3.5**	**3.4**	**3.8**	**2.4**	**3.0**	**3.4**
1 to 3	3.3	3.1	2.9	3.3	2.5	2.8	3.4	3.4	3.8	2.4	2.9	3.4
4 to 6	–	0.1	–	0.1	–	–	0.1	–	–	–	–	–
7 to 12	–	–	0.1	0.2	–	–	–	–	–	–	0.1	–
13 or more	–	–	–	–	–	–	–	–	–	–	–	–
Passenger elevator in structures with 4 or more stories	**0.1**	**0.1**	**0.2**	**0.3**	**0.1**	**–**	**0.1**	**–**	**0.1**	**–**	**0.1**	**0.1**
With elevator	–	0.1	0.2	0.2	0.1	–	0.1	–	–	–	0.1	–
No elevator	–	–	–	–	–	–	0.1	–	0.1	–	–	–
Occupied housing units (number)	**178 325**	**62 697**	**26 073**	**13 107**	**12 966**	**6 973**	**29 651**	**115 628**	**16 922**	**5 116**	**37 987**	**140 338**
Vehicles available	**9.6**	**9.0**	**9.3**	**9.7**	**8.8**	**9.8**	**8.6**	**9.9**	**8.6**	**6.9**	**9.6**	**9.6**
None	3.3	3.9	3.9	4.6	3.1	4.3	3.9	3.0	3.5	1.9	3.6	3.3
1	4.9	4.1	4.1	3.9	4.4	5.0	3.8	5.3	4.2	3.9	4.6	4.9
2	1.2	0.9	1.1	1.1	1.1	0.5	0.9	1.3	0.8	1.1	1.3	1.2
3 or more	0.2	0.1	0.1	0.1	0.2	0.1	0.1	0.3	0.1	0.1	0.3	0.2
Telephone in housing unit	**2.3**	**2.4**	**2.5**	**2.8**	**2.2**	**2.6**	**2.3**	**2.2**	**2.3**	**1.9**	**2.5**	**2.2**
With telephone	2.1	2.3	2.5	2.8	2.2	2.3	2.1	2.1	2.1	1.7	2.4	2.1
No telephone	0.2	0.1	–	0.1	–	0.4	0.2	0.2	0.2	0.2	0.1	0.2
House heating fuel	**13.6**	**7.5**	**7.2**	**7.1**	**7.4**	**6.5**	**7.9**	**16.9**	**12.2**	**32.5**	**9.3**	**14.8**
Utility gas	0.5	1.1	2.1	2.5	1.6	0.3	0.4	0.1	0.1	0.2	1.6	0.2
Bottled, tank, or LP gas	0.8	0.2	0.1	0.1	0.2	–	0.2	1.2	0.8	1.8	0.2	1.0
Electricity	1.4	1.2	1.3	1.0	1.5	1.5	1.2	1.5	1.3	0.7	1.4	1.4
Fuel oil, kerosene, etc	9.9	4.7	3.4	3.2	3.6	4.5	5.8	12.7	9.2	28.1	5.6	11.1
Coal or coke	0.1	–	–	–	–	–	–	0.1	0.1	0.1	–	0.1
Wood	0.9	0.3	0.2	0.1	0.4	0.2	0.3	1.3	0.6	1.4	0.4	1.0
Other fuel	–	–	–	0.1	–	–	–	–	–	–	–	–
No fuel used	–	–	–	–	0.1	–	–	0.1	–	0.2	–	–
Water heating fuel	**3.8**	**3.7**	**3.8**	**5.1**	**2.6**	**4.3**	**3.5**	**3.8**	**3.2**	**2.7**	**3.7**	**3.8**
Cooking fuel	**2.9**	**2.6**	**2.7**	**3.3**	**2.1**	**3.4**	**2.4**	**3.0**	**2.6**	**2.8**	**2.8**	**2.9**
Year householder moved into unit	**5.5**	**4.7**	**4.0**	**4.4**	**3.5**	**6.5**	**4.9**	**5.9**	**5.4**	**15.3**	**4.5**	**5.8**
1979 to March 1980	0.9	0.8	1.0	1.1	0.8	0.9	0.6	0.9	0.6	0.4	1.1	0.8
1975 to 1978	0.9	0.7	0.8	0.8	0.8	0.9	0.6	1.0	0.6	0.7	1.0	0.9
1970 to 1974	0.5	0.4	0.4	0.4	0.5	0.2	0.4	0.6	0.5	0.5	0.5	0.6
1960 to 1969	0.5	0.5	0.5	0.7	0.3	0.4	0.5	0.5	0.6	0.2	0.5	0.5
1950 to 1959	0.3	0.4	0.3	0.3	0.2	0.4	0.4	0.3	0.4	0.2	0.2	0.3
1949 or earlier	2.3	1.9	1.0	1.2	0.8	3.6	2.2	2.6	2.6	13.2	1.2	2.7

Table B-2. **Computer Allocation Rates for Nonresponse or Inconsistency for Areas, Places of 2,500 or More, and Counties: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The State Urban and Rural and Size of Place Inside and Outside SMSA's SCSA's SMSA's Urbanized Areas Places of 2,500 or More Counties	Year-round housing units												Occupied housing units						
		Percent allocations												Percent allocations					
	Total (number)	Year structure built	Heating equipment	Units in structure	Bedrooms	Kitchen facilities	Bathrooms	Source of water	Sewage disposal	Stories in structure	Passenger elevator	Air conditioning	Total (number)	House heating fuel	Water heating fuel	Cooking fuel	Year householder moved into unit	Vehicles available	Telephone in housing unit
The State	**196 459**	**6.5**	**10.1**	**6.7**	**5.6**	**4.2**	**5.1**	**3.9**	**4.1**	**3.4**	**0.1**	**3.9**	**178 325**	**13.6**	**3.8**	**2.9**	**5.5**	**9.6**	**2.3**
URBAN AND RURAL AND SIZE OF PLACE																			
Urban	**65 789**	**6.0**	**7.4**	**6.2**	**4.7**	**3.3**	**4.3**	**2.0**	**2.6**	**3.2**	**0.2**	**3.2**	**62 697**	**7.5**	**3.7**	**2.6**	**4.7**	**9.0**	**2.4**
Inside urbanized areas	27 064	5.9	6.8	6.7	4.8	3.1	3.8	2.0	3.0	3.0	0.3	3.1	26 073	7.2	3.8	2.7	4.0	9.3	2.5
Central cities	13 706	6.9	6.6	7.8	5.7	3.8	4.5	2.4	2.7	3.5	0.4	3.5	13 107	7.1	5.1	3.3	4.4	9.7	2.8
Urban fringe	13 358	4.9	7.1	5.5	3.8	2.4	3.1	1.5	3.3	2.5	0.2	2.6	12 966	7.4	2.6	2.1	3.5	8.8	2.2
Outside urbanized areas	38 725	6.1	7.9	5.9	4.7	3.4	4.6	2.0	2.3	3.3	0.1	3.3	36 624	7.6	3.7	2.6	5.2	8.9	2.4
Places of 10,000 or more	7 341	6.0	8.2	5.5	4.4	3.4	4.3	1.4	1.8	2.8	–	3.7	6 973	6.5	4.3	3.4	6.5	9.8	2.6
Places of 2,500 to 10,000	31 384	6.2	7.8	6.0	4.8	3.4	4.7	2.1	2.5	3.5	0.1	3.2	29 651	7.9	3.5	2.4	4.9	8.6	2.3
Rural	**130 670**	**6.7**	**11.4**	**6.9**	**6.0**	**4.7**	**5.6**	**4.9**	**4.8**	**3.4**	**–**	**4.2**	**115 628**	**16.9**	**3.8**	**3.0**	**5.9**	**9.9**	**2.2**
Places of 1,000 to 2,500	18 315	5.2	9.3	6.4	4.7	3.7	4.3	2.2	2.9	3.8	–	3.8	16 922	12.2	3.2	2.6	5.4	8.6	2.3
Other rural	112 355	7.0	11.7	7.0	6.2	4.8	5.8	5.3	5.1	3.4	–	4.3	98 706	17.7	3.9	3.1	6.0	10.2	2.2
Farm	5 116	1.3	8.4	4.4	2.0	1.1	2.0	2.4	1.1	2.4	–	1.1	5 116	32.5	2.7	2.8	15.3	6.9	1.9
INSIDE AND OUTSIDE SMSA's																			
Inside SMSA's	**39 474**	**5.6**	**7.2**	**6.3**	**4.1**	**2.8**	**3.4**	**2.1**	**3.1**	**3.0**	**0.2**	**2.7**	**37 987**	**9.3**	**3.7**	**2.8**	**4.5**	**9.6**	**2.5**
Urban	27 064	5.9	6.8	6.7	4.8	3.1	3.8	2.0	3.0	3.0	0.3	3.1	26 073	7.2	3.8	2.7	4.0	9.3	2.5
Central cities	13 706	6.9	6.6	7.8	5.7	3.8	4.5	2.4	2.7	3.5	0.4	3.5	13 107	7.1	5.1	3.3	4.4	9.7	2.8
Not in central cities	13 358	4.9	7.1	5.5	3.8	2.4	3.1	1.5	3.3	2.5	0.2	2.6	12 966	7.4	2.6	2.1	3.5	8.8	2.2
Rural	12 410	4.8	8.2	5.4	2.7	2.0	2.3	2.5	3.3	3.1	–	1.8	11 914	14.0	3.4	3.1	5.5	10.4	2.4
Outside SMSA's	**156 985**	**6.7**	**10.8**	**6.8**	**6.0**	**4.6**	**5.6**	**4.4**	**4.3**	**3.4**	**–**	**4.2**	**140 338**	**14.8**	**3.8**	**2.9**	**5.8**	**9.6**	**2.2**
Urban	38 725	6.1	7.9	5.9	4.7	3.4	4.6	2.0	2.3	3.3	0.1	3.3	36 624	7.6	3.7	2.6	5.2	8.9	2.4
Rural	118 260	6.9	11.7	7.1	6.4	4.9	5.9	5.1	4.9	3.5	–	4.5	103 714	17.3	3.8	3.0	6.0	9.9	2.2
SMSA's																			
Burlington, Vt.	39 474	5.6	7.2	6.3	4.1	2.8	3.4	2.1	3.1	3.0	0.2	2.7	37 987	9.3	3.7	2.8	4.5	9.6	2.5
Urban	27 064	5.9	6.8	6.7	4.8	3.1	3.8	2.0	3.0	3.0	0.3	3.1	26 073	7.2	3.8	2.7	4.0	9.3	2.5
Rural	12 410	4.8	8.2	5.4	2.7	2.0	2.3	2.5	3.3	3.1	–	1.8	11 914	14.0	3.4	3.1	5.5	10.4	2.4
URBANIZED AREAS																			
Burlington, Vt.	27 064	5.9	6.8	6.7	4.8	3.1	3.8	2.0	3.0	3.0	0.3	3.1	26 073	7.2	3.8	2.7	4.0	9.3	2.5
PLACES OF 2,500 OR MORE																			
Borre city	4 152	6.7	7.5	4.5	6.9	5.3	6.4	1.1	1.5	4.5	0.2	5.0	4 003	8.1	3.9	3.4	4.9	12.0	3.0
Bellows Falls village	1 483	7.9	10.9	6.9	8.1	5.7	7.2	2.8	3.6	4.4	–	6.2	1 359	4.9	3.8	2.3	4.6	6.7	1.8
Bennington (CDP)	3 697	6.1	7.5	6.4	4.0	3.2	5.8	1.8	2.1	3.3	–	3.0	3 455	8.6	3.8	2.8	5.5	8.6	2.1
Brattleboro (CDP)	3 424	6.0	5.9	4.7	4.1	2.1	3.0	1.2	2.5	2.3	0.4	1.5	3 272	7.1	2.2	1.0	3.5	5.3	2.1
Burlington city	13 706	6.9	6.6	7.8	5.7	3.8	4.5	2.4	2.7	3.5	0.4	3.5	13 107	7.1	5.1	3.3	4.4	9.7	2.8
Essex Junction village	2 547	5.5	6.7	3.7	3.7	1.8	3.1	0.8	1.5	0.8	–	1.5	2 480	7.5	1.7	1.4	2.9	6.3	2.0
Middlebury (CDP)	1 503	2.8	5.0	6.3	1.3	0.3	2.9	1.3	1.7	0.5	–	0.5	1 445	4.6	2.1	1.1	0.4	5.1	1.0
Montpelier city	3 423	5.4	7.1	5.3	4.7	3.1	4.5	3.5	2.9	4.4	–	2.7	3 254	9.0	4.2	3.3	5.7	9.9	3.4
Newport city	1 907	7.5	11.2	5.4	4.5	3.5	3.1	2.3	2.2	4.4	–	2.8	1 797	12.2	5.0	2.4	5.8	12.9	3.3
Rutland city	7 341	6.0	8.2	5.5	4.4	3.4	4.3	1.4	1.8	2.8	–	3.7	6 973	6.5	4.3	3.4	6.5	9.8	2.6
St. Albans city	3 077	9.7	10.9	11.4	7.9	6.9	7.7	5.7	5.6	6.6	–	6.5	2 836	6.5	4.5	3.1	6.8	8.5	2.9
St. Johnsbury (CDP)	3 095	2.8	6.9	5.7	2.9	0.9	2.7	0.6	1.7	1.8	0.2	1.0	2 882	8.3	2.8	1.9	4.2	7.6	1.8
South Burlington city	3 949	4.3	7.5	5.4	4.9	2.5	3.5	0.8	1.5	1.9	–	3.0	3 819	5.5	1.5	1.6	2.8	6.6	1.6
Springfield (CDP)	2 369	5.4	7.0	2.4	5.9	4.1	4.9	1.1	1.1	1.4	–	3.7	2 233	5.6	3.2	2.6	7.1	7.8	1.4
Swanton village	978	7.5	7.2	5.0	0.7	1.1	1.1	1.7	0.7	3.6	–	2.4	932	8.8	2.0	0.8	2.5	9.1	0.8
West Brattleboro (CDP)	1 203	6.7	9.1	8.0	2.8	2.4	1.8	1.8	2.2	2.5	–	1.4	1 157	10.5	2.1	1.6	3.5	5.5	1.6
White River Junction (CDP)	1 073	6.9	7.0	8.2	2.8	2.2	4.0	3.7	3.7	3.8	0.9	1.7	1 026	9.6	4.8	1.9	5.2	10.6	2.6
Winooski city	2 400	7.3	5.5	6.4	3.3	3.2	3.0	1.7	1.9	4.7	1.1	2.8	2 330	8.8	5.0	2.9	5.6	11.5	3.1
COUNTIES																			
Addison	10 310	6.8	10.7	7.9	5.9	4.3	6.1	4.9	4.3	3.2	–	4.8	9 380	15.7	4.1	2.9	5.5	9.6	2.3
Bennington	13 868	6.1	8.5	7.2	4.1	3.8	4.4	3.4	3.7	3.5	–	2.8	11 956	11.2	3.1	1.9	4.9	7.9	1.4
Caledonia	10 169	4.3	10.0	5.9	3.6	2.7	3.6	2.4	3.1	2.7	0.1	1.9	9 225	15.8	3.5	2.5	5.8	10.2	2.0
Chittenden	40 105	5.5	7.1	6.4	4.1	2.8	3.4	2.2	3.1	3.0	0.2	2.6	38 528	9.4	3.7	2.8	4.4	9.8	2.5
Essex	2 424	5.4	12.7	6.2	7.3	5.6	7.1	4.2	4.6	3.6	–	4.6	2 180	21.8	5.4	4.6	8.0	13.0	3.6
Franklin	12 640	6.2	9.0	6.9	4.0	3.8	4.5	3.8	3.9	4.0	–	3.5	11 586	15.6	3.4	2.1	5.7	8.4	1.9
Grand Isle	1 913	7.0	10.2	6.6	5.2	3.8	4.7	3.6	2.6	3.1	–	4.1	1 603	13.3	3.4	2.2	7.2	9.5	2.1
Lamoille	6 548	4.8	8.8	7.8	4.4	2.6	3.2	5.5	6.4	3.6	0.3	2.0	5 897	17.6	2.7	2.0	4.1	8.2	1.3
Orange	8 196	5.3	10.5	8.1	4.2	3.1	3.9	3.4	3.2	3.2	–	2.8	7 762	21.5	4.6	3.7	7.4	11.2	2.8
Orleans	8 797	8.1	13.0	7.2	6.9	5.6	6.5	5.3	5.5	4.6	–	4.9	8 097	20.8	4.9	4.1	6.8	12.5	3.5
Rutland	22 617	6.8	11.8	6.6	6.7	4.9	6.0	5.6	4.7	3.3	–	4.8	20 604	10.4	3.5	3.0	6.7	8.8	2.0
Washington	19 736	6.1	9.3	6.0	5.3	4.4	5.0	3.9	3.7	4.5	–	4.1	18 613	14.5	4.3	3.6	5.6	11.5	3.2
Windham	17 378	11.9	14.5	6.7	11.2	7.0	9.7	5.8	5.8	2.7	0.1	6.2	13 840	13.4	3.8	2.8	5.1	9.0	2.1
Windsor	21 758	5.9	11.1	6.2	5.7	5.1	5.4	3.8	3.7	3.0	–	4.9	19 054	14.6	3.5	2.6	5.4	8.6	1.9

Table B-2a. **Computer Allocation Rates for Nonresponse or Inconsistency for Towns/Townships of 2,500 or More: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Towns/Townships of 2,500 or More	Year-round housing units												Occupied housing units						
		Percent allocations												Percent allocations					
	Total (number)	Year structure built	Heating equipment	Units in structure	Bedrooms	Kitchen facilities	Bathrooms	Source of water	Sewage disposal	Stories in structure	Passenger elevator	Air conditioning	Total (number)	House heating fuel	Water heating fuel	Cooking fuel	Year householder moved into unit	Vehicles available	Telephone in housing unit
Barre town	2 335	6.0	12.2	6.3	5.4	6.1	4.8	2.4	2.2	7.0	–	5.2	2 256	18.6	5.1	4.8	6.2	12.5	4.2
Barton town	1 190	7.2	10.8	7.8	4.9	4.3	6.0	3.6	4.9	5.4	–	4.5	1 087	18.2	2.5	2.4	5.0	8.5	3.0
Bennington town	5 807	5.1	7.5	7.5	3.5	2.8	4.8	2.2	2.8	2.8	–	2.5	5 457	9.2	2.9	2.0	4.7	8.2	1.5
Brandon town	1 486	6.9	12.7	8.0	5.0	3.3	4.3	4.4	4.0	5.5	–	4.8	1 388	10.8	4.3	3.5	5.0	7.4	2.6
Brattleboro town	4 808	6.1	6.6	5.8	3.6	2.1	2.6	1.4	2.4	2.3	0.2	1.4	4 580	8.4	2.1	1.2	4.0	5.2	1.9
Bristol town	1 170	6.8	13.0	8.7	3.8	2.6	4.6	4.4	6.7	2.6	–	4.4	1 106	14.9	4.0	1.1	2.6	7.4	1.4
Castleton town	1 158	6.0	11.7	4.3	9.7	4.3	4.1	6.6	4.7	1.4	–	6.3	1 083	10.5	2.4	3.4	5.9	9.6	1.9
Charlotte town	858	3.7	10.3	5.9	3.4	2.8	2.7	3.1	3.6	3.7	–	2.9	824	16.1	5.0	4.4	7.0	15.8	4.9
Chester town	1 083	3.7	11.0	10.0	2.3	0.6	1.0	0.6	–	0.5	–	–	1 010	19.1	4.2	3.6	6.4	9.0	2.9
Colchester town	4 001	7.2	8.6	8.5	3.9	2.7	4.1	3.2	6.6	3.4	–	3.1	3 872	12.7	4.2	3.8	6.8	13.6	4.1
Derby town	1 576	9.8	15.7	8.9	7.0	5.6	7.0	6.9	7.4	5.6	–	5.4	1 489	25.6	8.7	7.7	8.9	21.8	7.1
Essex town	4 826	3.6	5.9	3.7	2.9	1.4	2.4	0.9	4.4	1.0	–	1.5	4 684	8.0	1.4	1.0	2.3	6.1	1.3
Fair Haven town	1 018	2.8	10.2	6.0	4.1	2.5	3.8	–	–	1.9	–	4.5	965	8.1	1.2	2.1	7.3	3.4	1.1
Georgia town	861	3.4	11.3	2.6	0.6	0.8	0.5	1.9	0.2	0.9	–	0.7	835	19.8	3.1	1.9	6.6	9.5	1.7
Hardwick town	1 081	4.6	11.6	6.9	4.3	3.1	4.2	2.5	4.6	4.3	–	2.0	928	17.6	6.8	4.1	5.4	15.5	4.1
Hartford town	3 192	5.4	8.4	5.7	3.5	3.2	4.2	4.4	4.2	2.8	0.3	4.6	2 958	12.5	2.6	1.4	4.4	8.1	1.9
Hinesburg town	937	3.3	8.9	3.0	2.9	2.6	2.0	1.7	1.6	2.2	–	2.7	895	15.9	5.6	5.6	7.2	14.5	4.0
Jericho town	1 048	2.1	8.1	3.4	1.7	1.7	2.2	1.2	1.2	2.0	–	1.0	1 029	13.2	1.1	1.4	1.9	4.9	0.9
Johnson town	869	5.9	6.9	5.6	3.7	1.8	2.8	7.6	8.7	3.0	–	1.0	811	12.8	1.5	1.1	2.3	5.7	1.1
Lyndon town	1 728	5.6	8.2	9.1	3.2	3.2	2.6	1.8	2.7	3.3	–	2.1	1 644	14.2	3.0	1.9	6.1	8.4	1.3
Manchester town	1 563	3.8	7.0	7.9	2.8	1.2	2.8	2.7	2.9	5.1	–	0.6	1 251	12.2	2.7	1.5	4.0	8.6	1.2
Middlebury town	2 231	3.1	6.6	6.1	1.9	1.2	3.3	2.0	2.2	1.3	–	1.6	2 142	8.8	4.0	2.1	4.0	7.9	2.1
Milton town	2 170	5.0	6.8	6.5	2.4	1.3	2.6	4.6	5.2	5.3	–	1.5	2 080	15.0	1.9	2.5	4.6	9.6	1.2
Morristown town	1 805	5.5	7.3	6.8	3.6	2.6	3.5	2.8	4.1	4.5	0.3	1.9	1 619	14.2	2.6	1.5	3.9	8.4	1.5
Northfield town	1 589	6.9	10.1	8.1	4.8	4.3	5.0	4.2	4.4	4.3	–	4.5	1 497	16.6	5.8	4.8	5.0	12.7	3.8
Pittsford town	1 013	3.3	8.3	5.6	3.7	2.7	3.4	4.2	5.5	3.3	–	2.1	956	14.1	3.9	3.1	4.7	7.9	1.2
Poultney town	1 145	8.1	11.2	8.6	7.0	7.0	9.5	7.1	4.0	4.3	–	6.4	1 039	9.0	1.1	1.2	9.1	6.8	1.0
Pownal town	1 283	8.3	10.6	6.1	7.2	7.2	5.2	8.2	8.0	4.3	–	7.2	1 132	12.0	2.6	1.1	3.1	5.1	–
Randolph town	1 572	4.4	10.0	7.3	3.2	1.6	2.9	2.7	2.6	2.7	–	2.1	1 487	17.3	4.0	4.0	7.3	10.6	3.3
Richmond town	1 072	5.4	6.6	3.9	3.3	3.0	2.8	2.7	1.8	2.6	–	2.2	1 032	13.6	3.6	3.4	3.9	11.3	2.7
Rockingham town	2 261	8.4	11.1	6.6	9.0	7.1	8.4	4.2	4.0	4.2	–	7.1	2 075	9.7	4.7	3.8	5.0	10.4	2.5
Rutland town	1 154	2.3	10.5	6.3	3.0	3.5	1.6	2.8	3.3	4.2	–	3.1	1 087	10.3	2.5	3.4	6.5	10.7	1.7
St. Albans town	1 180	9.3	9.2	9.4	6.1	7.4	6.6	6.9	7.5	6.3	–	6.1	1 077	14.8	7.0	4.9	7.7	16.2	4.9
St. Johnsbury town	3 373	2.5	6.6	5.2	2.8	0.9	2.5	0.5	1.6	1.6	0.2	0.9	3 137	8.6	2.6	2.1	4.5	8.1	1.7
Shaftsbury town	1 162	4.6	7.5	5.2	3.1	3.0	3.9	3.3	3.3	3.4	–	2.3	1 061	12.8	3.3	3.0	5.1	10.1	2.3
Shelburne town	1 692	4.8	7.5	4.8	4.0	3.4	0.7	0.7	2.1	4.4	–	0.7	1 613	7.6	4.2	3.0	3.8	8.0	1.9
Springfield town	4 015	4.0	7.7	3.8	4.8	3.5	4.0	2.4	2.0	2.0	–	3.6	3 834	10.4	3.2	2.9	6.7	8.3	1.5
Stowe town	1 418	4.1	8.8	13.9	7.7	3.2	3.6	11.2	12.1	3.9	1.0	2.3	1 194	16.9	2.4	1.7	2.9	7.8	1.1
Swanton town	1 830	7.3	9.7	3.3	1.7	2.6	3.1	2.4	2.6	3.4	–	2.7	1 746	11.1	2.0	0.4	1.8	7.3	0.4
Waterbury town	1 616	3.5	9.2	4.3	2.8	1.3	1.4	3.2	2.9	2.0	–	1.8	1 504	11.3	2.1	1.3	2.8	9.2	1.3
Weathersfield town	979	3.0	6.4	4.3	1.6	1.3	1.9	0.8	1.1	1.5	–	0.7	914	12.5	1.9	0.4	3.3	7.2	0.4
Williston town	1 266	4.2	9.9	4.9	2.1	1.7	3.0	2.1	2.0	1.2	–	2.7	1 210	10.0	3.6	3.1	6.6	13.6	2.2
Windsor town	1 560	8.3	13.1	6.3	5.5	5.1	7.1	5.1	5.2	7.7	–	6.0	1 475	16.3	6.6	5.4	6.1	13.2	3.9
Woodstock town	1 415	5.9	14.3	8.4	9.8	10.0	9.5	4.1	3.3	4.0	–	9.5	1 261	13.9	5.0	4.2	7.0	13.2	3.7

Appendix A.—Area Classifications

STATES A–1
COUNTIES A–1
PLACES A–1
Incorporated Places A–1
Census Designated Places A–1
Towns/Townships A–2
URBAN AND RURAL RESIDENCE A–2
Farm-Nonfarm Residence A–2
Extended Cities. A–2
URBANIZED AREAS A–2
Definition A–2
Urbanized Area Titles. A–3
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STANDARD METROPOLITAN STATISTICAL AREAS A–3
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New SMSA Standards. A–3
STANDARD CONSOLIDATED STATISTICAL AREAS A–4
RELATIONSHIP BETWEEN URBANIZED AREAS AND METROPOLITAN AREAS A–4
AMERICAN INDIAN RESERVATIONS A–4
ALASKA NATIVE VILLAGES . . . A–4
BOUNDARY CHANGES A–5
AREA MEASUREMENTS A–5

STATES

The 50 States and the District of Columbia are the constituent units of the United States.

COUNTIES

In most States, the primary divisions are termed counties. In Louisiana, these divisions are known as parishes. In Alaska, which has no counties, the county equivalents are the organized boroughs together with the "census areas" which were developed for general statistical purposes by the State of Alaska and the Census Bureau. In four States (Maryland, Missouri, Nevada, and Virginia), there are one or more cities which are independent of any county organization and thus constitute primary divisions of their States. That part of Yellowstone National Park in Montana is treated as a county equivalent. The District of Columbia has no primary divisions, and the entire area is considered equivalent to a county for census purposes.

PLACES

Two types of places are recognized in the census reports—incorporated places and census designated places—as defined below.

In this report, central cities of standard metropolitan statistical areas, regardless of population, are shown only in the tables designated ". . . for Areas and Places." Thus, a central city with a population between 10,000 and 50,000 will not appear in the tables for places of 10,000 to 50,000. Places with a 1980 population below 2,500 are not shown in this report.

Incorporated Places

Incorporated places recognized in the reports of the census are those which are incorporated under the laws of their respective States as cities, boroughs, towns, and villages, with the following exceptions: boroughs in Alaska and New York, and towns in the six New England States, New York, and Wisconsin. The towns in the New England States, New York, and Wisconsin, and the boroughs in New York are recognized as Minor Civil Divisions (MCD's) for census purposes; the boroughs in Alaska are county equivalents.

Some incorporated places include narrow strips of land (frequently only the rights-of-way of streets) which typically have no population or housing units. These areas, termed "corporate corridors," are generally not shown on the maps or in the tables of 1980 census reports. The existence of these areas is indicated in the footnotes to table 4 in the 1980 Census of Population Report, *Characteristics of the Population, Number of Inhabitants,* PC80-1-A.

In Connecticut, a unique situation exists in which one incorporated place (Woodmont borough) is subordinate to another (Milford city). The city of Milford is coextensive with the town of Milford. In the tables for the Connecticut report in this series and other series of 1980 census reports, data shown for Milford city exclude those for Woodmont borough, and the user must therefore refer to data for Milford town (which include those for the borough) for data for Milford city.

Census Designated Places

As in the 1950, 1960, and 1970 censuses, the Census Bureau has delineated boundaries for closely settled population centers without corporate limits. In 1980, the name of each such place is followed by "(CDP)," meaning "census designated place." In the 1970 and earlier censuses, these places were identified by "(U)," meaning "unincorporated place." To be recognized for the 1980 census, CDP's must have a minimum 1980 population as follows:

Area	Minimum CDP population
Alaska	25
Hawaii	300
All other States:	
Inside urbanized areas:	
With one or more cities of 50,000 or more	5,000
With no city of 50,000 or more	1,000
Outside urbanized areas . . .	1,000

Hawaii is the only State with no incorporated places recognized by the

Bureau of the Census. All places shown for Hawaii in the 1980 census reports are CDP's. Honolulu CDP essentially represents the Honolulu Judicial District. The city of Honolulu, coextensive with the county of Honolulu, is not recognized for census purposes.

Census designated place boundaries change with changes in the settlement pattern; a place which has the same name as in previous censuses does not necessarily have the same boundaries. Boundary outlines for CDP's appear on the county subdivision map in the HC80-1-A, *General Housing Characteristics,* report for this State. Detailed maps are available for purchase from the Census Bureau.

Towns/Townships

For 11 States, (Connecticut, Maine, Massachusetts, Michigan, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, and Wisconsin), a series of tables paralleling those for places and identified with an "a" suffix present data for towns/townships of 2,500 or more inhabitants. In these States, towns/townships with coextensive census designated places (CDP's) are shown only as towns or townships in this report.

URBAN AND RURAL RESIDENCE

As defined for the 1980 census, urban housing comprises all housing units in urbanized areas and in places of 2,500 or more inhabitants outside urbanized areas. More specifically, urban housing consists of all housing units in (1) places of 2,500 or more inhabitants incorporated as cities, villages, boroughs (except in Alaska and New York), and towns (except in the New England States, New York, and Wisconsin), but excluding those housing units in the rural portions of extended cities; (2) census designated places of 2,500 or more inhabitants; and (3) other territory, incorporated or unincorporated, included in urbanized areas. Housing units not classified as urban constitute rural housing. Information on the historical development of the urban-rural residence definition appears in the 1980 Census of Population Report, *Characteristics of the Population, Number of Inhabitants,* PC80-1-A.

Farm-Nonfarm Residence

In rural areas, occupied housing units are subdivided into rural-farm housing, which comprises all rural units on farms, and rural-nonfarm housing, which comprises the remaining rural units. Occupied housing units are classified as farm units if the place is of one acre or more and sales of farm products amounted to $1,000 or more in 1979. (See facsimiles of questionnaire items H15a and H15b and respondent instructions in appendix E.)

Occupied units in rural territory which do not meet the definition for farm housing are classified as nonfarm. All vacant units in rural areas also are classified as nonfarm. Information on nonfarm housing units is not shown separately in this report. It may, however, be obtained by subtracting rural farm from rural.

The definition of farm has changed since the 1970 census. In 1970, a farm was defined as a place of 10 or more acres with sales of farm products of $50 or more or a place on less than 10 acres with sales of $250 or more. A report in the 1980 Census of Population Supplementary Report, Series PC80-S1, is planned which will provide 1980 counts of the farm population using the 1970 definition of farm.

Extended Cities

Since 1960 there has been an increasing trend toward the extension of city boundaries to include territory essentially rural in character. The classification of all housing units of such cities as urban would include in the urban category housing units in areas which are primarily rural in character. For the 1970 and 1980 census, in order to separate these housing units from those in the closely settled portions of such cities, the Bureau of the Census classified as rural a portion or portions of each such city that was located in an urbanized area. To be treated as an extended city, a city must contain one or more areas that are each at least 5 square miles in extent and have a population density of less than 100 persons per square mile. The area or areas must constitute at least 25 percent of the land area of the legal city or include at least 25 square miles. These areas are excluded from the urbanized area.

Those cities designated as extended cities thus consist of an urban part and a rural part. In the tables of this report, data for the urban part are shown separately following the data for the entire city. Only the urban part is considered to be the central city of an urbanized area. However, the term "central city" as used for SMSA's refers to the entire population and housing units within the legal boundaries of the city.

URBANIZED AREAS

Definition

The major objective of the Census Bureau in delineating urbanized areas is to provide a better separation of urban and rural housing in the vicinity of large cities. An urbanized area consists of a central city or cities, and surrounding closely settled territory or "urban fringe."

The following criteria are used in determining the eligibility and definition of the 1980 urbanized areas:[1]

An urbanized area comprises an incorporated place[2] and adjacent densely settled surrounding area that together have a minimum population of 50,000.[3] The densely settled surrounding area consists of:

1. Contiguous incorporated places or census designated places having:
   a. A population of 2,500 or more; or,
   b. A population of fewer than 2,500 but having a population density of 1,000 persons per square mile, a closely settled area containing a minimum of 50 percent of the population, or a cluster of at least 100 housing units.
2. Contiguous unincorporated area which is connected by road and has a population density of at least 1,000 persons per square mile.[4]

[1] All references to population counts and densities relate to data from the 1980 census.

[2] In Hawaii, incorporated places do not exist in the sense of functioning local governmental units. Instead, census designated places are used in defining a central city and for applying urbanized area criteria.

[3] The rural portions of extended cities, as defined in the Census Bureau's extended city criteria, are excluded from the urbanized area. In addition, for an urbanized area to be recognized, it must include a population of at least 25,000 that does not reside on a military base.

[4] Any area of extensive nonresidential urban land use, such as railroad yards, airports, factories, parks, golf courses, and cemeteries, is excluded in computing the population density.

3. Other contiguous unincorporated area with a density of less than 1,000 persons per square mile, provided that it:
   a. Eliminates an enclave of less than 5 square miles which is surrounded by built-up area.
   b. Closes an indentation in the boundary of the densely settled area that is no more than 1 mile across the open end and encompasses no more than 5 square miles.
   c. Links an outlying area of qualifying density, provided that the outlying area is:
      (1) Connected by road to, and is not more than 1½ miles from, the main body of the urbanized area.
      (2) Separated from the main body of the urbanized area by water or other undevelopable area, is connected by road to the main body of the urbanized area, and is not more than 5 miles from the main body of the urbanized area.

4. Large concentrations of nonresidential urban area (such as industrial parks, office areas, and major airports), which have at least one-quarter of their boundary contiguous to an urbanized area.

A map of each urbanized area in this State appears in the 1980 Census of Housing report for this State, HC80-1-A, *General Housing Characteristics.*

Urbanized Area Titles

1. The titles of urbanized areas existing prior to the 1980 Census of Population and Housing are retained unchanged except for mergers and for those areas meeting items 4 and/or 5 of the titling criteria.

2. The titles of new urbanized areas qualifying as the result of the 1980 census are determined as follows:
   a. The name of the incorporated place with the largest population in the urbanized area is always listed.
   b. The names of up to two additional incorporated places may be listed, with eligibility determined as follows:
      (1) Those with a population of at least 250,000.
      (2) Those with a population of 15,000 to 250,000, provided that they are at least one-third the population of the largest place in the urbanized area.

3. Area titles that include the names of more than one incorporated place start with the name of the largest and list the others in descending order of their population.

4. In addition to incorporated place names, the titles contain the name of each State into which the urbanized area extends.

5. Regional titles may be used to identify urbanized areas with populations over 1 million, in which case only the largest city of the urbanized area is included in the title.

Urbanized Area Central Cities

The central cities of urbanized areas are those named in the titles except where regional titles are used. In such cases, the central cities are those that have qualified under items 1 or 2 of the titling criteria.

Counts and data for central cities of urbanized areas refer to the urban portion of these cities, thus excluding the rural portions of extended cities, as discussed above.

STANDARD METROPOLITAN STATISTICAL AREAS

Definition

The general concept of a metropolitan area is one of a large population nucleus, together with adjacent communities which have a high degree of economic and social integration with that nucleus. The standard metropolitan statistical area (SMSA) classification is a statistical standard, developed for use by Federal agencies in the production, analysis, and publication of data on metropolitan areas. The SMSA's are designated and defined by the Office of Management and Budget, following a set of official published standards developed by the interagency Federal Committee on Standard Metropolitan Statistical Areas.

Each SMSA has one or more central counties containing the area's main population concentration: an urbanized area with at least 50,000 inhabitants. An SMSA may also include outlying counties which have close economic and social relationships with the central counties. The outlying counties must have a specified level of commuting to the central counties and must also meet certain standards regarding metropolitan character, such as population density, urban population, and population growth. In New England, SMSA's are composed of cities and towns rather than whole counties.

The housing units in SMSA's may also be referred to as the metropolitan housing. The housing in SMSA's is subdivided into "inside central city (or cities)" and "outside central city (or cities)." The housing units outside SMSA's constitute the nonmetropolitan housing.

SMSA Titles

Most SMSA's have at least one central city. The titles of SMSA's include up to three city names, as well as the names of each State into which the SMSA extends. For the 1980 census, central cities of SMSA's are those named in the titles of the SMSA's, with the exception of Nassau-Suffolk, N.Y., which has no central city, and Northeast Pennsylvania, the central cities of which are Scranton, Wilkes-Barre, and Hazleton. Data on central cities of SMSA's include the entire population and housing within the legal city boundaries. In Hawaii where there are no incorporated places recognized by the Bureau of the Census, census designated places are recognized as central cities.

In this report, central cities of SMSA's, regardless of population, are shown only in the tables designated ". . . for Areas and Places." Thus, a central city with a population between 10,000 and 50,000 will not appear in the tables for places of 10,000 to 50,000.

New SMSA Standards

New standards for designating and defining metropolitan statistical areas were published in the *Federal Register* on January 3, 1980. The SMSA's recognized for the 1980 census comprise (1) all areas as defined on January 1, 1980, except for one area which was defined provisionally during the 1970's on the basis of population estimates but whose qualification

was not confirmed by 1980 census counts; and (2) a group of 36 new areas defined on the basis of 1980 census counts and the new standards that were published on January 3, 1980.

The new standards will not be applied to the areas existing on January 1, 1980, until after data on commuting flows become available from 1980 census tabulations. At that time, the boundaries, definitions, and titles for all SMSA's will be reviewed.

To aid users who want to become familiar with the SMSA standards and how they are applied, documents are available from the Office of Management and Budget, Washington, D.C. 20503.

STANDARD CONSOLIDATED STATISTICAL AREAS

In some parts of the country, metropolitan development has progressed to the point that adjoining SMSA's are themselves socially and economically interrelated. These areas are designated standard consolidated statistical areas (SCSA's) by the Office of Management and Budget, and are defined using standards included as part of the new SMSA standards described above.

RELATIONSHIP BETWEEN URBANIZED AREAS AND METROPOLITAN AREAS

Although the urbanized area and the metropolitan area are closely related in concept, there are important differences. The urbanized area has a more limited territorial extent. The urbanized area consists of the physically continuously built-up territory around each larger city and thus corresponds generally to the core of high and medium population density at the heart of the metropolitan area. In concept, a metropolitan area is always larger than its core urbanized area, even if the metropolitan area is defined in terms of small building blocks, because it includes discontinuous urban and suburban development beyond the periphery of the continuously built-up area. The metropolitan area may also include some rural territory whose residents commute to work in the city or its immediate environs, while the urbanized area does not include such territory. In practice, because the SMSA definitions use counties as building blocks, considerable amounts of rural territory with few commuters are often included. However, even in New England, where cities and towns are used as building blocks, SMSA's are generally much larger in extent than their core urbanized areas.

It sometimes occurs, because of boundary anomalies, that a portion of the urbanized area extends across the SMSA boundary into a nonmetropolitan county or another SMSA. However, such portions are usually quite small in area and population.

The new standards provide that each SMSA be associated with an urbanized area. However, the reverse is not true—there are some urbanized areas that are not in any SMSA. This situation occurs when an urbanized area does not qualify as an SMSA of at least 100,000 population (75,000 in New England), and the urbanized area has no city with at least 50,000 population.

In addition, some SMSA's contain more than one urbanized area. This occurs when:

1. Two or more urban concentrations not far apart and of generally similar size have separate urbanized areas but qualify as a single SMSA (e.g., Greensboro, High Point, and Winston-Salem, North Carolina). Often the SMSA title includes the name of the largest city or each of the component urbanized areas.
2. A very large SMSA includes a large urbanized area and one or more smaller separate urbanized areas within its boundaries. Examples are the separate urbanized areas around Joliet, Aurora, and Elgin within the Chicago SMSA.

AMERICAN INDIAN RESERVATIONS

American Indian reservations are areas with boundaries established by treaty, statute, and/or executive or court order. The reservations and their boundaries were identified for the 1980 census by the Bureau of Indian Affairs and State governments. Federal and State reservations are located in 33 States and may cross State, county, minor civil division/census county division, and place boundaries. In this report, tribal trust lands outside the boundaries of reservations (off reservation) are not included as part of the reservations.

Preliminary evaluation of the 1980 census data suggest that counts for a few reservations may be subject to certain limitations or nonsampling errors. Although the various field and computer operations undergo a number of quality control checks to ensure accuracy of the data, available evidence indicates that nonsampling errors are substantial for a small number of reservations. Additional evaluation of the counts for reservations will be done when more information is available and a fuller explanation will be presented in 1980 census subject reports on the American Indian population.

Data on 115 American Indian reservations were published in the 1970 census subject report, *American Indians,* PC(2)-1F. However, 1980 data may not be comparable to 1970 data because of boundary changes, improvements in geographic identification, enumeration techniques, etc., made for the 1980 census. Names and boundaries of American Indian reservations are shown on the county subdivision map in the HC80-1-A, *General Housing Characteristics* reports.

ALASKA NATIVE VILLAGES

Alaska Native villages constitute tribes, bands, clans, groups, villages, communities, or associations in Alaska which were listed in sections 11 and 16 of the Alaska Native Claims Settlement Act, Public Law 92-203, or which met the requirements of the act, and which the Secretary of Interior determined were, on the 1970 census enumeration date (April 1), composed of 25 or more Alaska Natives. This list was reviewed and updated for the Census Bureau by the State of Alaska prior to the 1980 census, to identify specifically only those entities that were recognized legally as Alaska Native villages.

Data on certain Alaska Native villages are not available from previous censuses. Some cities and "unincorporated places" (referred to as "census designated places" in 1980) which were identified in the 1970 census may, however, correspond to 1980 Alaska Native villages, but may not have identical boundaries. Names and

locations of Alaska Native villages may be found on the county subdivision map in the HC80-1-A, *General Housing Characteristics,* report for Alaska.

BOUNDARY CHANGES

The boundaries of some of the areas shown in this report have changed between an earlier census and January 1, 1980. Information on boundary changes for counties, county subdivisions, and incorporated places is presented in table 4 of the 1980 Census of Population Report, *Characteristics of the Population, Number of Inhabitants,* PC80-1-A. For information on boundary changes prior to 1970, see the *Number of Inhabitants* report for each census.

AREA MEASUREMENTS

Area measurement figures for counties and county equivalents are available in table 2 of the PC80-1-A State reports. Area figures for standard metropolitan statistical areas, urbanized areas, places of 2,500 or more, and, in 11 States, MCD's of 2,500 or more, can be found in PC80-1-A, United States Summary.

Appendix B.—Definitions and Explanations of Subject Characteristics

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GENERAL

The 1980 census was conducted primarily through self-enumeration. The principal determinant for the responses was, therefore, the questionnaire and its accompanying instruction guide. Furthermore, census takers were instructed, in their telephone and personal-visit interviews, to read the questions directly from the questionnaire. The definitions and explanations given below for each subject are drawn largely from various technical and procedural materials used in the collection of the data. These materials helped the census interviewers to understand more fully the intent of each question, and thus to resolve problems or unusual cases in a manner consistent with this intent. Also included is certain explanatory information to assist the user in the proper utilization of the statistics.

Facsimiles of the questionnaire pages containing the population and housing questions used to produce the data shown in this report and the pages of the respondent instruction guide which relate to these questions are presented in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages."

LIVING QUARTERS

Living quarters are classified in the census as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-family home, apartment house, hotel or motel, boarding house, mobile home or trailer). However, living quarters may also be in structures intended for nonresidential use (e.g., the rooms in a warehouse where a night guard lives), as well as in boats, tents, vans, etc.

Housing Units—A housing unit is a house, an apartment, a group of rooms, or a single room, occupied as a separate living quarters or, if vacant, intended for occupancy as a separate living quarters. Separate living quarters are those in which the occupants live and eat separately from any other persons in the building and which have direct access from the outside of the building or through a common hall. The occupants may be a

single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements (except as described in the next section on Group Quarters). For vacant units, the criteria of separateness and direct access are applied to the intended occupants whenever possible. If that information cannot be obtained, the criteria are applied to the previous occupants. Both occupied and vacant housing units are included in the housing unit inventory except that boats, tents, vans, caves, and the like are included only if they are occupied as someone's usual place of residence. Vacant mobile homes are included, provided they are intended for occupancy on the site where they stand. Vacant mobile homes on dealers' sales lots, at the factory, or in storage are excluded from the housing inventory.

Comparability With 1970 Census Housing Unit Data—Although the 1980 census data are generally comparable with 1970 census data, certain changes were introduced for 1980. The part of the 1970 housing unit definition that required a unit to have either (1) direct access or (2) complete kitchen facilities was modified. For 1980, the complete kitchen facilities alternative was dropped, and direct access was required of all housing units. In 1970, vacant mobile homes were not counted as housing units. For 1980, they were included in the housing inventory provided they were intended for occupancy on the site where they stood.

Group Quarters—Group quarters are any living quarters which are not classified as housing units. There are two types of group quarters: (1) institutional group quarters, and (2) noninstitutional group quarters. Institutional group quarters are living quarters occupied by one or more persons under care or custody, such as children in an orphanage, persons in a nursing home, and prisoners in a penitentiary. Noninstitutional group quarters include living quarters such as college-owned and/or operated dormitories, fraternity and sorority houses, nurses' dormitories, and boarding houses. In addition, noninstitutional group quarters include any living quarters (other than those classified as institutional group quarters) which are occupied by 9 or more persons unrelated to the person listed in column 1 of the census questionnaire, or by 10 or more unrelated persons. Information on the housing characteristics of group quarters was not collected in the census.

Comparability With 1970 Group Quarters Data—In 1970, a unit was classified as group quarters if it was shared by the person in charge and five or more persons unrelated to him or her, or if there was no person in charge by six or more unrelated persons. For 1980 that requirement was raised to 9 or more persons unrelated to the person listed in column 1 of the census questionnaire or 10 or more unrelated persons.

Rules for Hotels, Rooming Houses, Etc.—Occupied rooms or suites of rooms in hotels, motels, and similar places are classified as housing units only when occupied by permanent residents; i.e., persons who consider the hotel as their usual place of residence or who have no usual place of residence elsewhere. Vacant rooms or suites of rooms are classified as housing units only in those hotels in which 75 percent or more of the accommodations are occupied by permanent residents.

If any of the occupants in a rooming or boarding house live and eat separately from everyone else in the building and have direct access, their quarters are classified as separate housing units. The remaining quarters are combined. If the combined quarters contain eight or fewer roomers unrelated to the householder, they are classified as one housing unit. If the combined quarters contain nine or more roomers unrelated to the householder or person in charge, they are classified as group quarters.

Staff Living Quarters—The living quarters occupied by staff personnel within any group quarters are separate housing units if they satisfy the housing unit criteria of separateness and direct access; otherwise, they are considered as group quarters.

Year-Round Housing Units—Data on housing characteristics in the 1980 census reports are limited to year-round housing units; i.e., all occupied units plus vacant units available or intended for year-round use. Vacant units intended for seasonal occupancy and vacant units held for migratory labor are excluded because of the difficulty of obtaining reliable data on their characteristics.

OCCUPANCY AND VACANCY CHARACTERISTICS

Occupied Housing Units—A housing unit is classified as occupied if it is the usual place of residence of the person or group of persons living in it at the time of enumeration, or if the occupants are only temporarily absent; e.g., away on vacation. If all the persons staying in the unit at the time of the census have their usual place of residence elsewhere, the unit is classified as vacant. A household includes all the persons who occupy a housing unit as their usual place of residence. By definition, therefore, the number of occupied housing units equals the number of households in the 1980 Census of Population reports. In this report the numbers shown for occupied housing units are estimates based on a sample. In some cases there may be small differences in the number shown for households in the Census of Population reports. These differences may result from processing procedures used to inflate the population and housing sample data.

Householder—One person in each household is designated as the "householder." In most cases, this is the person, or one of the persons, in whose name the home is owned or rented and who is listed in column 1 of the census questionnaire. If there is no such person in the household, any adult household member could be designated as the "householder."

Persons in Occupied Housing Units—"Persons in occupied housing units" is the total population less those persons living in group quarters. "Persons per occupied housing unit" is computed by dividing the population living in housing units by the number of occupied housing units. Data are also presented separately for the population in owner-occupied and in renter-occupied housing units.

Year Householder Moved Into Unit—Data presented for this item are based on the information reported for the householder and refer to the year of the latest move. If the householder moved back into a unit the person previously occupied, the year of the latest move was reported. If the householder moved from one apartment to another in the same building, the year the householder moved into the present apartment was reported. The intent is to establish the year the present occupancy

by the householder began. The year in which a householder moved is not necessarily the same year as the year other members of the household moved, although in the majority of cases the entire household moved at the same time. (See question H19 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

Vacant Housing Units—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. Units temporarily occupied at the time of enumeration entirely by persons who have a usual residence elsewhere are also classified as vacant.

New units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if they are open to the elements, i.e., the roof, walls, windows, and/or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or in the block) that the unit is to be demolished or is condemned. Also excluded are quarters being used entirely for nonresidential purposes, such as a store or an office, or quarters used for the storage of business supplies or inventory, machinery, or agricultural products.

Type of Vacant Unit—Vacant housing units are classified in this report as either "Seasonal and migratory" or "Year-round." "Seasonal" units are intended for occupancy during only certain seasons of the year. Included are units intended for recreational use, such as beach cottages and hunting cabins; units offered to vacationers in the summer for summer sports or in the winter for winter sports; and vacant units held for herders and loggers. "Migratory" units are vacant units held for occupancy by migratory labor employed in farm work during the crop season. "Year-round" vacant housing units are available or intended for occupancy at any time of the year. A unit in a resort area which is usually occupied on a year-round basis is considered as year-round. A unit used only occasionally throughout the year is also considered as year-round.

Vacancy Status—The data on vacancy status were tabulated from responses to questionnaire item C (see item C in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages"). Year-round vacant units are subdivided according to their vacancy status as follows:

For sale only. Vacant year-round units being offered "For sale only," including individual units in cooperatives and condominium projects if the individual units are offered "For sale only."

For rent. Vacant year-round units offered "For rent," and vacant units offered either for rent or for sale.

Other vacants. If a vacant year-round unit is not "For sale only" or "For rent," it is classified in the category "Other vacants" in this report. This category includes units held for settlement of an estate, units held for occupancy by a caretaker or janitor, and units held for personal reasons of the owner, as well as units rented or sold, awaiting occupancy, and units held for occasional use.

Duration of Vacancy—The statistics on duration of vacancy refer to the length of time (in months) from the date the last occupants moved from the unit to the date of enumeration. (See item D in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.") The data, therefore, do not provide a direct measure of the total length of time units remain vacant. For newly constructed units which have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date conversion or merger was completed.

Tenure—A housing unit is "Owner occupied" if the owner or co-owner lives in the unit, even if it is mortgaged or not fully paid for. All other occupied units are classified as "Renter occupied," including units rented for cash rent and those occupied without payment of cash rent. (See question H8 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

Race of Householder—The data on race of householder were derived from answers to question 4, for the person listed in column 1. (See Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

The concept of race as used by the Census Bureau reflects self-identification by respondents; it does not denote any clear-cut scientific definition of biological stock. Since the 1980 census obtained information on race through self-identification, the data represent self-classification by people according to the race with which they identify. In this report, data are presented for housing units classified by the race of the householder.

For persons who could not provide a single response to the race question, the race of the person's mother was used. If a single response could not be provided for the person's mother, the first race reported by the person was used. This is a modification of the 1970 census procedure in which the race of the person's father was used.

The category "White" includes persons who indicated their race as White, as well as persons who did not classify themselves in one of the specific race categories listed on the questionnaire but entered a response such as Canadian, German, Italian, Lebanese, or Polish. In the 1980 census, persons who did not classify themselves in one of the specific race categories but marked "Other" and/or wrote in entries such as Cuban, Puerto Rican, Mexican, or Dominican were included in the "Other" race category. In the 1970 census, most of these persons were included in the "White" category.

The category "Black" includes persons who indicated their race as Black or Negro, as well as persons who did not classify themselves in one of the specific race categories listed on the questionnaire but reported entries such as Jamaican, Black Puerto Rican, West Indian, Haitian, or Nigerian.

The categories "American Indian," "Eskimo," and "Aleut" include persons who classified themselves as such in one of the specific race categories. In addition, persons who did not report themselves in one of the specific race categories but entered the name of an Indian tribe or wrote in such entries as Canadian Indian, French-American Indian, or Spanish-American Indian were classified as "American Indian."

The category "Asian and Pacific Islander" in this report includes persons who indicated their race as Japanese, Chinese, Filipino, Korean, Vietnamese,

Asian Indian, Hawaiian, Guamanian, Samoan, as well as persons who answered the "Other" race category and provided write-in entries of Asian and Pacific Islander groups such as Cambodian, Laotian, Pakistani, or Fiji Islander under the "Other" race category. Also, persons who did not classify themselves in one of the specific race categories but wrote in an entry indicating one of the nine specific categories listed above (e.g., Chinese or Filipino) were classified accordingly. For example, entries of Nipponese and Japanese American were classified as Japanese, entries of Taiwanese and Cantonese as Chinese, etc.

The category, "Race, n.e.c." (Race, not elsewhere classified) includes all other persons not included in the categories (White, Black, American Indian, Eskimo, Aleut, and Asian and Pacific Islander) mentioned above. For example, householders reporting the "Other" race category and providing write-in entries such as Eurasian, Cosmopolitan, Interracial, or a Spanish origin group (e.g., Mexican, Cuban, or Puerto Rican) were included in "Race, n.e.c." During sample coding operations each of the subgroups comprising "Race, n.e.c." was identified separately. Plans were to provide figures for the component groups in subsequent 1980 Census of Population reports.

If the race entry was missing on the questionnaire for the householder, an answer was assigned in the computer according to the reported entries of race of other household members using specific rules of precedence of household relationship. If race was not entered for anyone in the household (excluding paid employees), the race of a householder in a previously processed household was assigned. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

Comparability Between Sample and 100-Percent Data for Race of Householder—The data for race of householder shown in this report may differ from comparable figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and an additional edit and review performed on the sample questionnaires. The data in this report are based on a sample whereas certain other reports (e.g., the HC80-1-A series) present data based on 100-percent tabulations. Sample data are subject to sampling variability, as explained in Appendix D, "Accuracy of the Data."

During the sample processing, the responses in the race question underwent more extensive review and edit than performed during the previous processing stages. Additional efforts were made to assign write-in entries to specific race categories and to resolve inconsistent and incomplete responses. The impact of this further work varies substantially by racial group and by geographic area, but is generally negligible. Most affected is the "Other" race category since a number of householders originally counted therein in the 100-percent tabulations were shifted into specific race categories in the sample tabulations. For instance, a number of householders who marked the "Other" race category supplied a write-in entry (e.g., Canadian, Polish, Lebanese, Black Puerto Rican, or Jamaican) which indicated that they belonged in one of the specific race categories. Furthermore, householders in the "Other" category reported as Cambodian, Laotian, Thai, etc., were combined into a "Other Asian and Pacific Islander" category which, together with the specific Asian and Pacific Islander categories (e.g., Japanese, Chinese, Filipino, etc.), covers the entire Asian and Pacific Islander population. This total is obtainable only from the sample tabulations, not from the 100-percent tabulations.

Information now available indicates that, since the effects of the additional review and edit were generally limited and rather varied, the 100-percent tabulations are usually the preferable source for comparable data for racial groups. That is, in the case of figures available for racial groups, both in this report and the corresponding HC80-1-A report for this State, the latter source is usually the preferred one. In the case of distributions for subjects covered only on a sample basis (e.g., units in structure, mortgage status and selected monthly owner costs, gross rent, etc.) and data for the entire Asian and Pacific Islander population, the sample figures are the only data available and should be used within the context of the sampling variability associated with them.

Comparability With 1970 Census Data on Race of Householder—Differences between 1980 and 1970 census counts by race seriously affect the comparability for certain race groups. First, a large number of Spanish origin persons reported their race differently in the 1980 census than in the 1970 census. This difference in reporting has a substantial impact on the population totals and comparability for the "White" population and the "Race, n.e.c." or "Other" race population (shown as "All other races" in most 1970 census publications). A much larger proportion of the Spanish origin population in 1980 than in 1970 reported their race in the questionnaire category "Other." Second, in 1970, most persons who marked the "Other" race category and wrote in a Spanish designation such as Mexican, Venezuelan, Latino, etc., were reclassified as "White." In 1980, such persons were not reclassified but remained in the "Other" race category. As a result of this procedural change and the differences in reporting by this population, the proportion of the Spanish origin population classified as "Other" race in the 1980 census was substantially higher than that in the 1970 census. Nationally, in 1970, only 1 percent of Spanish origin persons were classified as "Other" race and 93 percent as "White." The 1980 census sample data showed a much larger proportion—38 percent—of the Spanish origin persons reported their race as "Other" and only 58 percent reported "White." As a consequence of these differences, 1980 householder totals for "White" and "Race, n.e.c." are not comparable with corresponding 1970 figures.

The 1980 census was the first in which data were collected separately for Eskimos and Aleuts in all States. In 1970, these data were available only for Alaska. Since Eskimos and Aleuts are highly concentrated in Alaska, these changes do not seriously affect the comparability of 1980 and 1970 data for these racial groups at the national level.

The 1980 count for the Asian and Pacific Islander population reflects a high level of immigration during the 1970's as well as a number of changes in census procedures which were developed, in part, as a result of this high level of immigration. First, the number of Asian and Pacific Islander categories listed separately on the 1980 census questionnaire was expanded over that in 1970 to include four additional groups: Vietna-

mese, Asian Indian, Guamanian, and Samoan. Asian Indians were classified as "White" in 1970 but were included in the "Asian and Pacific Islander" category in 1980. The Vietnamese, Guamanian, and Samoan populations were included in the "Other" race category in the 1970 census but were included in the "Asian and Pacific Islander" category in 1980. Second, "Other Asian and Pacific Islander" groups such as Cambodian, Laotian, Pakistani, and Fiji Islander were identified and tabulated as Asian and Pacific Islander in sample tabulations in the 1980 Census; in 1970, most of these groups were included in the "Other" race category.

In 1980 data were collected separately for Hawaiians and Koreans in all States, but in 1970 data for the two groups were not collected for Alaska. (On the 1970 census questionnaire used in Alaska, Eskimo and Aleut were substituted for these two categories.) Since the numbers of Hawaiians and Koreans were small in Alaska, this questionnaire change does not have a major impact on the comparability of the 1980 and 1970 data for the Hawaiian and Koreans at the national level.

Spanish/Hispanic Origin of the Householder—The data on Spanish/Hispanic origin or descent of householder were derived from answers to question 7, for the person listed in column 1 (see Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages").

Persons of Spanish/Hispanic origin or descent are those who reported either Mexican, Puerto Rican, Cuban or other Spanish/Hispanic origin in question 7. Persons who reported "Other Spanish/Hispanic" origin are those whose origins is from Spain or the Spanish-speaking countries of Central or South America, or they are persons identifying their origin or descent as being Spanish, Spanish-American, Hispano, Latino, etc.

Origin or descent can be regarded as the ancestry, nationality group, lineage, or country in which the person or person's parents or ancestors were born before their arrival in the United States. It is important to note that persons of Spanish origin may be of any race. In this report, data are presented for housing units classified by the Spanish origin of the householder.

Persons of more than one Spanish origin and persons of both a Spanish and another origin who were in doubt as to how to report a specific origin were classified according to the origin of the person's mother. If a single origin could not be provided for the person's mother, the first origin reported by the person was recorded.

If the householder failed to respond to the Spanish/Hispanic origin question, a response was assigned by computer in the sample edit operation according to available related information such as ancestry and place of birth reported for the householder. If such information was not reported, origin was assigned from entries of other household members using specific rules of precedence of household relationship. If no origin was reported for any household member (excluding a paid employee), then an origin was assigned from another household with a householder of the same race. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

Limitations of the Data on Householders of Spanish/Hispanic Origin—A preliminary evaluation study of the reporting in the 1980 census item on Spanish origin indicated that there was misreporting in the Mexican origin category by White and Black persons in certain areas. The study results showed evidence that the misreporting occurred in the South (excluding Texas), the Northeast (excluding the New York City area), and a few States in the North Central Region. Also, results based on available data suggest that the impact of potential misreporting of Mexican origin in the 1980 census is severe in those portions of the above-mentioned regions where the Spanish origin population is generally sparse. However, 1980 census data on the Mexican origin population or total Spanish origin population, at the national level, are not seriously affected by the reporting problem. For a more detailed discussion of the evaluation of the Spanish origin item, see the 1980 Population Census Supplementary Report, Series PC80-S1-7, *"Persons of Spanish Origin by State:* 1980."

Comparability Between Sample and 100-Percent Data on Householders of Spanish/Hispanic Origin—The data on householders of Spanish origin shown in this report may differ from comparable figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and more extensive edit procedures performed for the Spanish origin item on the sample questionnaires. The data in this report are based on a sample, whereas certain other reports (e.g., the HC80-1-A series) present data based on 100-percent tabulations. Sample data are subject to sampling variability, as explained in Appendix D, "Accuracy of the Data."

Information now available indicates that, since the effects of the more extensive edit were generally limited, the 100-percent tabulations are usually the preferable source for data on householders of Spanish origin. That is, in the case of figures available for Spanish origin groups, both in this report and the corresponding HC80-1-A report, the latter source is usually the preferred one. In the case of distributions for subjects covered only on a sample basis (e.g., units in structure, mortgage status and selected monthly owner costs, gross rent, etc.), the sample figures are the only data available and should be used within the context of the sampling variability associated with them.

Comparability With 1970 Census Data on Householders of Spanish/Hispanic Origin—The 1980 figures on Spanish origin are not directly comparable with those of 1970 because of a number of factors; namely, overall improvements in the 1980 census, better coverage of the population, improved question design, and an effective public relations campaign by the Census Bureau with the assistance of national and community ethnic groups. These efforts at census improvement explain, in part, the large increase in the number of Hispanic over 1970. Also, these efforts undoubtedly resulted in the inclusion of a sizable but unknown number of persons of Hispanic origin who are in the country in other than legal status.

In the 1980 census Spanish origin question, specific changes in design from the 1970 question included the placement of the category "No, (not Spanish/Hispanic)" as the first category in that question. (The corresponding category appeared last in the 1970 question.) Also, the 1970 category "Central or South American" was deleted from the 1980 question because in 1970 some respond-

ents misinterpreted the category; furthermore, the designations "Mexican-Amer." and "Chicano" were added to the Spanish origin question in 1980. In the 1970 census, the question on Spanish origin was asked of only a 5-percent sample of the population; in the 1980 census, the Spanish origin question was asked of everyone in the Nation.

UTILIZATION CHARACTERISTICS

Persons—All persons occupying the housing unit are included. These persons include not only occupants related to the householder but also any lodgers, roomers, boarders, partners, roommates, wards, foster children, and resident employees who share the living quarters of the householder. The data on "Persons in unit" show the number of housing units occupied by the specified number of persons.

Rooms—The statistics on "Rooms" are in terms of the number of housing units with a specified number of rooms. (See question H7 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.") The intent of this question is to count the number of whole rooms used for living purposes. For each unit they include living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, enclosed porches suitable for year-round use, and lodger's rooms. Excluded are strip or pullman kitchens, bathrooms, open porches, balconies, halls, half-rooms, utility rooms, unfinished attics or basements, or other unfinished space used for storage. A partially divided room is a separate room only if there is a partition from floor to ceiling.

Persons Per Room—"Persons per room" is a derived measure obtained by dividing the number of persons in each occupied housing unit by the number of rooms in the unit. The figures shown refer, therefore, to the number of occupied housing units having the specified ratio of persons per room.

Bedrooms—The number of "Bedrooms" in the unit is the count of rooms used mainly for sleeping, even if also used for other purposes. Rooms reserved for sleeping, such as guest rooms, even though used infrequently, are counted as bedrooms. On the other hand, rooms used mainly for other purposes, even though used also for sleeping, such as a living room with a sofa bed, are not considered bedrooms. A housing unit consisting of only one room, such as a one-room efficiency apartment, is classified, by definition, as having no bedroom. (See question H24 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

STRUCTURAL CHARACTERISTICS

Year Structure Built—"Year structure built" refers to when the building was first constructed, not when it was remodeled, added to, or converted. For a houseboat or mobile home or trailer, the manufacturer's model year is assumed to be the year built. The figures shown in this report relate to the number of units in structures built during the specified periods and in existence at the time of enumeration. (See question H18 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

Units in Structure—A structure is a separate building that either has open space on all sides or is separated from other structures by dividing walls that extend from ground to roof. In the determination of the number of units in a structure, all housing units, both occupied and vacant, were counted. The statistics are presented for the number of housing units in structures of specified type and size, not for the number of residential buildings. Structures containing only one housing unit are further classified as detached or attached. The category "Mobile home or trailer, etc." includes mobile homes, trailers, boats, tents, vans, etc. (See question H13 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

Stories in Structure—The count of stories (floors) in structure includes basements or attics if these contain finished rooms for living purposes. (See question H14a in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

Passenger Elevator—Statistics on elevator in structure are presented for housing units in structures with four or more stories or floors. Housing units in structures with an elevator used only for freight are not included in the category "With elevator." (See question H14b in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

PLUMBING CHARACTERISTICS

Plumbing Facilities—The category "Complete plumbing for exclusive use" consists of units which have hot and cold piped water, a flush toilet, and a bathtub or shower inside the housing unit for the exclusive use of the occupants of the unit. "Lacking complete plumbing for exclusive use" includes those conditions when (1) all three specified plumbing facilities are present inside the unit, but are also used by another household; (2) some but not all the facilities are present; or (3) none of the three specified plumbing facilities is present. (See question H6 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

Comparability With 1970 Census Plumbing Facilities Data—In 1970, there were separate questions on the presence of hot and cold piped water, a bathtub or shower, and a flush toilet. For 1980, these three items were combined into a single question on plumbing facilities. In addition, the facilities must be inside the housing unit rather than inside the structure as in 1970.

Bathrooms—A complete bathroom is a room with a flush toilet, bathtub or shower, and a wash basin with piped hot and cold water for the exclusive use of the occupants of the housing unit. (Although the instructions on the questionnaire do not specify that a complete bathroom must have hot water, this requirement was applied during the processing of the data in an edit combining the items on complete bathrooms and complete plumbing facilities for the exclusive use of the household.) A half-bathroom has at least a flush toilet *or* a bathtub or shower for exclusive use, but does not have all the facilities for a complete bathroom. The equipment must be inside the unit being enumerated. The category "No bathroom or only a half bath" consists of units with no bathroom facilities, units with only a half-bathroom, and units with bathroom facilities which are also for the use of the occupants of other housing units. (See question H25 in Appendix E, "Facsimiles

of Respondent Instructions and Questionnaire Pages.")

Source of Water—Housing units may receive their water supply from a number of sources. A common source supplying water to six or more units is classified as a "Public system or private company." The water may be supplied by a city, county, water district, water company, etc., or it may be obtained from a well which supplies water to six or more housing units. If the water is supplied from a well serving five or fewer housing units, the units are classified as having water supplied by either an individual drilled well or an individual dug well. The category, "Some other source," includes water obtained from springs, creeks, rivers, lakes, cisterns, etc. (See question H16 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

Sewage Disposal—Housing units are either connected to a public sewer, to a septic tank or cesspool, or they dispose of sewage by other means. A public sewer may be operated by a government body or by a private organization. Small sewage treatment plants, which in some localities are called neighborhood septic tanks, are also classified as public sewers. A housing unit is considered to be connected to a septic tank or cesspool when the unit is provided with an underground pit or tank for sewage disposal. The category, "Other means," includes housing units which dispose of sewage in some other way. (See question H17 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

EQUIPMENT AND FUELS

Kitchen Facilities—A unit has complete kitchen facilities when it has all of the following: (1) an installed sink with piped water, (2) a range or cookstove, and (3) a mechanical refrigerator. All kitchen facilities must be located in the structure. They need not be in the same room. Quarters with only portable cooking equipment are not considered as having a range or cookstove. An ice box is not considered to be a mechanical refrigerator. (See question H23 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

Heating Equipment—Housing units use specific types of heating equipment as their primary source of heat. The categories for types used are: (1) a steam or hot water system; (2) a central warm-air furnace with ducts to the individual rooms; (3) an electric heat pump; (4) other built-in electric units which are permanently installed in the floors, walls, ceilings, or baseboards, and are a part of the electrical installation of the building; (5) a floor, wall, or pipeless furnace; (6) room heaters with flue or vent that burn gas, oil, or kerosene; (7) nonportable room heaters without flue or vent that burn gas, oil, or kerosene; and (8) fireplaces, stoves, or portable room heaters of any kind that can be picked up and moved. For vacant units which have had the heating equipment removed, the kind of equipment used by the previous occupants is considered to be the heating equipment for the unit. (See question H20 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

Comparability With 1970 Census Heating Equipment Data—In 1970, central heat pumps were included as part of the category "Warm-air furnace" and individual room heat pumps were included in the category "Built-in electric units." In 1980, heat pumps have been combined into one category "Electric heat pump."

Air-Conditioning—"Air-conditioning" is defined as the cooling of air by refrigeration unit. It does not include evaporative coolers, fans, or blowers which are not connected to a refrigeration unit; however, it does include heat pumps. A central system is an installation which air-conditions a number of rooms. In an apartment building, such a system may cool all apartments in the building, each apartment may have its own central system, or there may be several systems, each providing central air-conditioning for a group of apartments. A system with individual room controls is a central system. A room unit is an individual air-conditioner which is installed in a window or an outside wall and is generally intended to cool one room, although it may sometimes be used to cool more than one room. (See question H27 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

Vehicles Available—Data for this item refer to the number of households with vehicles available at home for the use of the members of the household. Included in this item are passenger cars, pickup trucks, small panel trucks of 1-ton capacity or less, as well as station wagons, company cars, and taxicabs kept at home for use of household members. Cars rented or leased for 1 month or more, police and government cars kept at home, and company vans and trucks of 1-ton capacity or less are also included if kept at home and used for nonbusiness purposes. Dismantled cars, immobile cars used as a source of power for some piece of machinery, and vans and trucks kept at home but used only for business purposes are excluded. The statistics do not reflect the number of vehicles privately owned or the number of households owning vehicles. (See questions H28 and H29 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

In this report, selected tables present the number of households with automobiles available separately from the number of households with trucks or vans. The figures do not add to the total number of vehicles available because a household may be counted in both categories. For example, a household may have an automobile as well as a truck or van available for use by household members and, thus, be included in the count of households with automobiles and in the count of households with trucks or vans available.

Comparability With 1970 Census Automobiles Available Data—In 1970, only data on the number of households with automobiles which were owned or regularly used by members of the household were obtained: Taxicabs, pickups, or large trucks were not counted. In 1980, the data on automobiles available include taxicabs if kept at home for use of household members but excludes pickups or larger trucks. Separate data were obtained in 1980 on the number of households with vans or trucks of 1-ton capacity or less kept at home for use of members of the household.

Telephone in Housing Unit—A unit is classified as having a telephone if there is a telephone in the living quarters. Units where the respondent uses a telephone

located inside the building but not in the respondent's living quarters are classified as having no telephone. (See question H26 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

Comparability With 1970 Census Telephone Available Data—In 1970, the question on telephone availability was collected on a 100-percent basis. A housing unit was classified as having a telephone if the household had a telephone on which it could be called, whether it was in another unit, in a common hall, in another building, or shared by another household. For 1980, for a housing unit to be classified as having a telephone, the telephone had to be inside the respondent's living quarters.

Fuels Used for House Heating, Water Heating, and Cooking—"Utility gas" is gas piped through underground pipes from a central system that serves the neighborhood. "Bottled, tank, or LP gas" is stored in tanks which are refilled or exchanged when empty. "Fuel oil, kerosene, etc." includes fuel oil, kerosene, gasoline, alcohol, and other combustible liquids. For data on house heating fuel, the category "Other fuel" includes any other fuel such as purchased steam, coal dust, briquettes made of pitch and sawdust, waste materials such as corn cobs, etc. For data on water heating fuel, the category "Other" also includes coal or coke, and wood. For data on cooking fuel, the category "Other" includes fuel oil, kerosene, coal or coke, wood, as well as coal dust, briquettes, etc. (See question H21 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

FINANCIAL CHARACTERISTICS

Value—Value is the respondent's estimate of how much the property (house and lot) would sell for, if it were for sale. For vacant units, value is the price asked for the property. (See question H11 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.") Value and price asked are tabulated separately for certain kinds of housing units. Value statistics are presented for specified owner-occupied housing units and specified vacant for sale only housing units. These "specified" housing units include only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. The "Specified owner-occupied" universe is the same for the value tabulation and the mortgage status and selected monthly owner costs tabulation.

Mortgage Status and Selected Monthly Owner Costs—The data are presented for "Specified owner-occupied" housing units. These "specified" housing units include only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. Separate distributions are shown for units "With a mortgage" and for units "Not mortgaged." Selected monthly owner costs is the sum of payments for mortgages, deeds of trust, or similar debts on the property; real estate taxes; fire and hazard insurance on the property; utilities (electricity, gas, and water); and fuels (oil, coal, kerosene, wood, etc.). (See questions H30, H31, and H32 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

Rent—This report presents statistics on rent for "Specified renter-occupied" housing units which include renter-occupied units except one-family houses on 10 or more acres. Respondents were asked to report rent only for the housing unit enumerated and to exclude any rent paid for additional units or for business premises.

Contract Rent—In this report, only median contract rent for specified renter-occupied housing units and median rent asked for specified vacant for rent housing units in rural areas are shown. Contract rent is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included. For vacant units, it is the rent asked for the unit at the time of enumeration. (See question H12 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

Gross Rent—The computed rent termed "Gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, and water) and fuels (oil, coal, kerosene, wood, etc.) if these are paid for by the renter (or paid for the renter by someone else) in addition to rent. "Gross rent" is intended to eliminate differentials which result from varying practices with respect to the inclusion of utilities and fuels as part of the rental payment. The estimated costs of water and fuels are reported on a yearly basis but are converted to monthly figures in the computation process. Renter units occupied without payment of cash rent are shown separately as "No cash rent" in the tabulations. (See questions H12 and H22 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

Income in 1979—In this report, only median household income is presented. The median income is the amount which divides the distribution into two equal groups, one having incomes above the median and the other having incomes below the median. The median income is based on the distribution of the total number of households including those with no income. Median income figures of $30,000 or less are generally calculated using linear interpolation; all other median income amounts are derived through Pareto interpolation. For a detailed description of these interpolation procedures, see appendix B to the Current Population Reports, Series P-60, No. 129, *Money Income of Families and Persons in the United States: 1979.*

The data on income in 1979 were derived from answers to questions 32 and 33. Information on money income received in the calendar year 1979 was requested from persons 15 years old and over. "Total income" is the algebraic sum of the amounts reported separately for wage and salary income; nonfarm net self-employment income; farm net self-employment income; interest, dividend, net rental or royalty income; Social

Security or Railroad Retirement income; public assistance or welfare income; and all other income before deductions for personal income taxes, Social Security, bond purchases, union dues, medicare deductions, etc.

Receipts from the following sources were not included as income: money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" from food stamps, public housing subsidies, medical care, employees' contributions for pensions, etc.; withdrawal of bank deposits; money borrowed; tax refunds; exchange of money between relatives living in the same household; gifts and lump-sum inheritances, insurance payments, and other types of lump-sum receipts.

Although the income statistics cover the calendar year 1979, the characteristics of persons and the composition of households and families refer to the time of enumeration (April 1, 1980). However, the composition of most families was the same during 1979 as in April 1980.

There may be differences between the data on household income in 1979 in this report and similar data shown in the PHC80-3, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas,* and in the PHC80-S2, Supplementary Report, *Advance Estimates of Social, Economic, and Housing Characteristics.* Any such differences are the result of errors corrected after the release of the PHC80-3 and PHC80-S2 reports.

Comparability With 1970 Census Income Data—In 1970 the statistics on income related to the income of the family or primary individual occupying the housing unit; that is, the sum of the income of the head of the family and all other members of the family 14 years old and over or the income of the primary individual. Income of persons living in the unit but not related to the head of household was not included. In 1980, the statistics on income relate to the income of the household; that is, the sum of the income of all persons 15 years old and over occupying a housing unit, including persons not related to the householder.

A discussion on comparability of income data from other sources including earlier censuses may be found in the 1980 Census of Population report, *General Social and Economic Characteristics,* PC80-1-C.

Poverty Status in 1979—Households are classified below the poverty level when the total 1979 income of the family or of the nonfamily householder is below the appropriate poverty threshold. The income of persons living in the household who are unrelated to the householder is not considered when determining the poverty status of a household. The poverty thresholds vary by size of family, number of children, and age of the family householder or unrelated individual. The thresholds used in the 1980 census differ slightly from those used in the 1970 census, which took into account the same three factors as well as sex of the family householder or unrelated individual and farm-nonfarm residence. In addition, for the 1980 census, the thresholds by size of family were extended from seven or more persons to nine or more persons. The income cutoffs are updated each year to reflect the change in Consumer Price Index. A more detailed explanation of the poverty definition may be found in the 1980 Census of Population report, *General Social and Economic Characteristics,* PC80-1-C.

Appendix C.—General Enumeration and Processing Procedures

USUAL PLACE OF RESIDENCE. . C–1
Armed Forces. C–1
Crews of Merchant Vessels C–1
Persons Away at School C–1
Persons in Institutions C–1
Persons Away From Their Residence on Census Day C–1
Americans Abroad. C–2
Citizens of Foreign Countries. . . C–2
DATA COLLECTION PROCEDURES. C–2
PROCESSING PROCEDURES. . . . C–2

USUAL PLACE OF RESIDENCE

In accordance with census practice dating back to the first U.S. census in 1790, each person enumerated in the 1980 census was counted as an inhabitant of his or her "usual place of residence," which is generally construed to mean the place where the person lives and sleeps most of the time. This place is not necessarily the same as the person's legal residence or voting residence. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics, although there might be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishment of residence rules for certain categories of persons whose usual place of residence is not immediately apparent. Furthermore, this practice means that persons were not always counted as residents of the place where they happened to be staying on Census Day (April 1). Persons without a usual place of residence, however, were counted where they happened to be staying.

Armed Forces

Members of the Armed Forces living on a military installation were counted, as in every previous census, as residents of the area in which the installation was located; members of the Armed Forces not living on a military installation were counted as residents of the area in which they were living. Family members of Armed Forces personnel were counted where they were living on Census Day (i.e., with the Armed Forces personnel or at another location, as the case might be).

Each Navy ship was attributed to the municipality that the Department of the Navy designated as its homeport, except for those ships which were deployed to the 6th or 7th Fleet on Census Day. As was done in the 1970 census, naval personnel aboard deployed ships were defined in the 1980 census as part of the overseas population, because deployment to the 6th or 7th Fleet implies a long-term overseas assignment.

In homeports with fewer than 1,000 naval personnel assigned to ships, the crews were counted aboard the ship. In homeports with 1,000 or more naval personnel assigned to ships, the naval personnel who indicated that they had a usual residence within 50 miles of the homeport of their ship were attributed to that residence.

When a homeport designated by the Navy was contained in more than one municipality, ships homeported and berthed there on Census Day were assigned by the Bureau of the Census to the municipality in which the land immediately adjacent to the dock or pier was actually located. Other ships attributed by the Navy to that homeport, but which were not physically present and not deployed to the 6th or 7th Fleet on Census Day, were allocated to the municipality named on the Navy's homeport list.

Crews of Merchant Vessels

Shipboard Census Reports were mailed to crews of merchant vessels through the ships' respective owner-operators based on lists of U.S. flag merchant vessels obtained from the Maritime Administration, U.S. Department of Commerce.

If the ship was berthed in a U.S. port on Census Day, the crew was enumerated as of that port. If the ship was not berthed in a U.S. port but was inside the territorial waters of the United States, the crew was enumerated as of (a) the port of destination if that port was inside the United States or (b) the homeport of the ship if its port of destination was outside the United States. Crews of U.S. flag vessels which were outside U.S. territorial waters on Census Day and crews of vessels flying a foreign flag were not enumerated in the 1980 census.

Persons Away at School

College students were counted as residents of the area in which they were living while attending college, as they have been since 1950. However, children in boarding schools below the college level were counted at their parental home.

Persons in Institutions

Inmates of institutions, who ordinarily live there for considerable periods of time, were counted as residents of the area where the institution was located. Patients in short-term wards (general, maternity, etc.) of hospitals were counted at their usual place of residence; if they had no usual place of residence, they were counted at the hospital.

Persons Away From Their Residence on Census Day

Persons in hotels, motels, etc., on the night of March 31, 1980, were requested to fill out a census form for assignment of their census information back to their homes if they indicated that no one was at home to report them in the census. A similar approach was used for persons visiting in private residences, as well as for Americans who left the United States during March 1980 via major intercontinental air or ship carriers for temporary travel abroad. In addition, information on persons away from their usual place of residence was obtained from other members of their families, resident managers, neighbors, etc. If an entire household was expected to be

away during the whole period of the enumeration, information on that household was obtained from neighbors. A matching process was used to eliminate duplicate reports for persons who reported for themselves while away from their usual residence and who were also reported at this usual residence by someone else.

A special enumeration was conducted in such facilities as missions, flophouses, jails, detention centers, etc., on the night of April 6, 1980, and persons enumerated therein were counted as residents of the area in which the establishment was located.

Americans Abroad

Americans who were overseas for an extended period (in the Armed Forces, working at civilian jobs, studying in foreign universities, etc.) were not included in the population of any State or the District of Columbia. On the other hand, Americans who were temporarily abroad on vacations, business trips, and the like were counted at their usual residence in the United States.

Citizens of Foreign Countries

Citizens of foreign countries having their usual residence (legally or illegally) in the United States on Census Day, including those working here (but not living at an embassy, ministry, legation, chancellery, or consulate) and those attending school (but not living at an embassy, etc.), were included in the enumeration, as were members of their families living with them. However, citizens of foreign countries temporarily visiting or traveling in the United States or living on the premises of an embassy, etc., were not enumerated in the 1980 census.

DATA COLLECTION PROCEDURES

The 1980 census was conducted primarily through self-enumeration. A census questionnaire was delivered by postal carriers to every housing unit several days before Census Day, April 1, 1980. This questionnaire included explanatory information and was accompanied by an instruction guide. Spanish-language versions of the questionnaire and instruction guide were available on request. The questionnaire was also available in narrative translation in 32 languages.

In most areas of the United States, altogether containing about 95 percent of the population, the householder was requested to fill out and mail back the questionnaire on Census Day. Approximately 83 percent of these households returned their forms by mail. Households that did not mail back a form and vacant housing units were visited by an enumerator. Households that returned a form with incomplete or inconsistent information that exceeded a specified tolerance were contacted by telephone or, if necessary, by a personal visit, to obtain the missing information.

In the remaining (mostly sparsely settled) area of the country, which contained about 5 percent of the population, the householder was requested to fill out the questionnaire and hold it until visited by an enumerator. Incomplete and unfilled forms were completed by interview during the enumerator's visit. Vacant units were enumerated by a personal visit and observation.

Each housing unit in the country received one of two versions of the census questionnaire: a short-form questionnaire containing a limited number of basic population and housing questions or a long-form questionnaire containing these basic questions as well as a number of additional questions. A sampling procedure was used to determine those units which were to receive the long-form questionnaire. Two sampling rates were employed. For most of the country, one in every six housing units (about 17 percent) received the long form or sample questionnaire; in counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 inhabitants, every other housing unit (50 percent) received the sample questionnaire to enhance the reliability of sample data in small areas.

Special questionnaires were used for the enumeration of persons in group quarters such as colleges and universities, hospitals, prisons, military installations, and ships. These forms contained the population questions but did not include any housing questions. In addition to the regular census questionnaires, the Supplementary Questionnaire for American Indians was used in conjunction with the short form on Federal and State reservations and in the historic areas of Oklahoma (excluding urbanized areas) for households that had at least one American Indian, Eskimo, or Aleut household member.

PROCESSING PROCEDURES

The 1980 census questionnaires were processed in a manner similar to that for the 1970 and 1960 censuses. They were designed to be processed electronically by the Film Optical Sensing Device for Input to Computer (FOSDIC). For most items on the questionnaire, the information supplied by the respondent or obtained by the enumerator was indicated by marking the answers in predesignated positions that would be "read" by FOSDIC from a microfilm copy of the questionnaire and transferred onto computer tape with no intervening manual processing. The computer tape did not include information on individual names and addresses.

The data processing was performed in two stages. For 100-percent data, all short forms, and pages 2 and 3 of the long forms (which have the same questions as the short form), were microfilmed, "read" by FOSDIC, and transferred onto computer tape for tabulation. For the sample data, the long form (or sample) questionnaires were processed through manual coding operations since some questions required the respondent to provide write-in entries which could not be read by FOSDIC. Census Bureau coders assigned alphabetical or numerical codes to the write-in answers in FOSDIC readable code boxes on each questionnaire. After all coding was completed, the long forms were microfilmed, and the film was "read" by FOSDIC and transferred onto computer tape.

The tape containing the information from the questionnaires was processed on the Census Bureau's computers through a number of editing and tabulation steps. Among the products of this operation were computer tapes from which the tables in this report (and most others in the 1980 census publications) were prepared on phototypesetting equipment at the Government Printing Office.

A more detailed description of the data collection and processing procedures can be obtained from the 1980 Census of Population and Housing, *Users' Guide*, PHC80-R1.

Appendix D.—Accuracy of the Data

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INTRODUCTION

The data presented in this publication are based on the 1980 census sample. The data are estimates of the actual figures that would have resulted from a complete count. Estimates can be expected to vary from the complete count result because they are subject to two basic types of error—sampling and nonsampling. The sampling error in the data arises from the selection of persons and housing units to be included in the sample. The nonsampling error is the result of all other errors that may occur during the collection and processing phases of the census. A more detailed discussion of both sampling and nonsampling error and a description of the estimation procedure are given in this appendix.

SAMPLE DESIGN

While every person and housing unit in the United States were enumerated on a questionnaire that requested certain basic demographic information (e.g., age, number of rooms in living quarters, monthly rent), a sample of persons and housing units was enumerated on a questionnaire that requested additional information. The basic sampling unit for the 1980 census was the housing unit, including all occupants. For persons living in group quarters, the sampling unit was the person. Two sampling rates were employed. In counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 persons (based on precensus estimates), one-half of all housing units and persons in group quarters were to be included in the sample. In all other places, one-sixth of the housing units or persons in group quarters were sampled. The purpose of this scheme was to provide relatively more reliable estimates for small places. When both sampling rates were taken into account across the Nation, approximately 19 percent of the Nation's housing units were included in the census sample.

The sample designation method depended on the data collection procedures. In about 95 percent of the country the census was taken by the mailout/mailback procedure. For these areas, the Bureau of the Census either purchased a commercial mailing list which was updated and corrected by Census Bureau field staff, or prepared a mailing list by canvassing and listing each address in the area prior to Census Day. These lists were computerized, and every sixth unit (for 1-in-6 areas) or every second unit (for 1-in-2 areas) was designated as a sample unit by computer. Both of these lists were also corrected by the Post Office.

In non-mailout/mailback areas, a blank listing book with designated sample lines (every sixth or every second line) was prepared for the enumerator. Beginning about Census Day, the enumerator systematically canvassed the area and listed all housing units in the listing book in the order they were encountered. Completed questionnaires, including sample information for any housing unit which was listed on a designated sample line, were collected.

In both types of data collection procedure areas, an enumerator was responsible for a small geographic area known as an enumeration district, or ED. An ED usually represented the average workload area for one enumerator.

ERRORS IN THE DATA

Since the data in this publication are based on a sample, they may differ somewhat from complete-count figures that would have been obtained if all housing units, persons within those housing units, and persons living in group quarters had been enumerated using the same questionnaires, instructions, enumerators, etc. The deviation of a sample estimate from the average of all possible samples is called the sampling error. The standard error of a survey estimate is a measure of the variation among the estimates from the possible samples and thus is a measure of the precision with which an estimate from a particular sample approximates the average result of all possible samples. The sample estimate and its estimated standard error permit the construction of interval estimates with prescribed confidence that the interval includes the average result of all possible samples. The method of calculating standard errors and confidence intervals for the data in this report is given below.

In addition to the variability which arises from the sampling procedures, both sample data and complete-count data are subject to nonsampling error. Nonsampling error may be introduced during each of the many extensive and complex operations used to collect and process census data. For example, operations

such as editing, reviewing, or handling questionnaires may introduce error into the data. A more detailed discussion of the sources of nonsampling error is given in the section on "Control of Nonsampling Error" in this appendix.

Nonsampling error may affect the data in two ways. Errors that are introduced randomly will increase the variability of the data and should therefore be reflected in the standard error. Errors that tend to be consistent in one direction will make both sample and complete-count data biased in that direction. For example, if respondents consistently tend to underreport their income, then the resulting counts of households or families by income category will be skewed toward the lower income categories. Such biases are not reflected in the standard error.

Calculation of Standard Errors

Totals and Percentages—Tables A–D (or E) in this appendix contain the information necessary to calculate the standard errors of sample estimates in this report. In order to perform this calculation, it is necessary to know the unadjusted standard error for the characteristic, given in table A or B, that would result under a simple random sample design (of persons, families, or housing units) and estimation technique; the adjustment factor for the particular characteristic estimated, given in table C; and the number of housing units in the tabulation area and the percent of these in sample, given in table D (or table E). The adjustment factors reflect the effects of the actual sample design and complex ratio estimation procedure used for the 1980 census.

To calculate the approximate standard error of an estimate for a geographic area, follow the steps given below:

a. Obtain the unadjusted standard error from table A or B (or from the formula given below the table) for the estimated total or percentage, respectively.

b. Find the geographic area with which you are working in table D (or table E) and obtain the housing unit "percent in sample" figure for this area.

c. Use table C to obtain the factor for the characteristics (e.g., air-conditioning, year structure built) and the range that contains the percent-in-sample with which you are working. Multiply the unadjusted standard error by this factor. If the estimate is a cross-tabulation of more than one characteristic, use the largest factor.

As is evident from the formula below tables A and B, the unadjusted standard errors of zero estimates or of very small estimated totals or percentages approach zero. This is also the case for very large percentages or estimated totals that are close to the size of the tabulation areas to which they correspond. These estimated totals and percentages are, nevertheless, still subject to sampling and nonsampling variability, and an estimated standard error of zero (or a very small standard error) is not appropriate.

For estimated percentages that are less than 2 or greater than 98, use the *unadjusted* standard errors in table B that appear in the "2 or 98" row. For an estimated total that is less than 50 or within 50 of the total size of the tabulation area, use an *unadjusted* standard error of 16.

An illustration of the use of the tables is given in a later section of this appendix.

Differences—The standard errors estimated from these tables are not directly applicable to differences between two sample estimates. In order to estimate the standard error of a difference the tables are to be used somewhat differently in the following three situations:

a. For the difference between a sample estimate and a complete-count value, use the standard error of the sample estimate.

b. For the difference between (or sum of) two sample estimates, the appropriate standard error is approximately the square root of the sum of the two individual standard errors squared; that is, for standard errors Se_x and Se_y of estimates x and y:

$$Se_{(x+y)} = Se_{(x-y)} \doteq \sqrt{(Se_x)^2 + (Se_y)^2}$$

This method, however, will underestimate (overestimate) the standard error if the two items in a sum are highly positively (negatively) correlated or if the two items in a difference are highly negatively (positively) correlated. This method may also be used for the difference between (or sum of) sample estimates from two censuses or between a census sample and another survey. The standard error for estimates not based on the 1980 census sample must be obtained from an appropriate source outside of this publication.

c. For the difference between two estimates, one of which is a subclass of the other, use the tables directly where the calculated difference is the estimate of interest.

Medians—For the standard error of a median of a characteristic, it is necessary to examine the distribution from which the median is derived, as the size of the base and the distribution itself affect the standard error. An approximate method is given here. As the first step, compute one-half of the number on which the median is based (refer to this result as N/2). Treat N/2 as if it were an ordinary estimate and obtain its standard error as instructed above using tables A, C, and D (or E). Compute the desired confidence interval about N/2. Starting with the lowest value of the characteristic, cumulate the frequencies in each category of the characteristic until the sum equals or first exceeds the lower limit of the confidence interval about N/2. By linear interpolation, obtain a value of the characteristic corresponding to this sum. This is the lower limit of the confidence interval of the median. In a similar manner, cumulate frequencies starting from the highest value of the characteristic until the sum equals or exceeds the count in excess of the upper limit of the interval about N/2. Interpolate as before to obtain the upper limit of the confidence interval for the estimated median.

Confidence Intervals

A sample estimate and its estimated standard error may be used to construct confidence intervals about the estimate. These intervals are ranges that will contain the average value of the estimated

characteristic that results over all possible samples, with a known probability. For example, if all possible samples that could result under the 1980 census sample design were independently selected and surveyed under the same conditions, and if the estimate and its estimated standard error were calculated for each of these samples, then:

(1) Approximately 68 percent of the intervals from one estimated standard error below the estimate to one estimated standard error above the estimate would contain the average result from all possible samples; and

(2) Approximately 95 percent of the intervals from two estimated standard errors below the estimate to two estimated standard errors above the estimate would contain the average result from all possible samples.

The intervals are referred to as 68 percent and 95 percent confidence intervals, respectively.

The average value of the estimated characteristic that could be derived from all possible samples is or is not contained in any particular computed interval. Thus we cannot make the statement that the average value has a certain probability of falling between the limits of the calculated confidence interval. Rather, one can say with a specified probability or confidence that the calculated confidence interval includes the average estimate from all possible samples (approximately the complete count value).

Confidence intervals may also be constructed for the difference between two sample figures. This is done by computing the difference between these figures, obtaining the standard error of the difference (using the formula given earlier), and then forming a confidence interval for this estimated difference as above. One can then say with specified confidence that this interval includes the difference that would have been obtained by averaging the results from all possible samples.

The estimated standard errors given in this report do not include all portions of the variability due to nonsampling error that may be present in the data. The standard errors reflect the effect of simple response variance, but not the effect of correlated errors introduced by enumerators, coders, or other field or processing personnel. Thus, the standard errors calculated represent a lower bound of the total error. As a result, confidence intervals formed using these estimated standard errors may not meet the stated levels of confidence (i.e., 68 or 95 percent). Thus, some care must be exercised in the interpretation of the data in this publication based on the estimated standard errors.

For more information on confidence intervals and nonsampling error see any standard sampling theory text.

Use of Tables to Compute Standard Errors

Table 94 shows that for Orange County 7,770 housing units out of 8,196 housing units had no air conditioning. Table D of this appendix lists Orange County with a percent in sample of 46.0 percent ("Housing units" column). Table C lists the adjustment factor for the characteristic "Air conditioning." The column that gives the range which includes 46.0 percent in sample shows the adjustment factor to be 0.6 for "Air conditioning."

The unadjusted standard error for the estimated total 7,770 is obtained from table A. In order to avoid interpolation, the use of the formula will be demonstrated here. The formula for the unadjusted standard error, Se, is:

$$Se = \sqrt{5\,(7{,}770)\left(1-\frac{7{,}770}{10{,}483}\right)} =$$

100 housing units.

Note: The total number of year-round housing units for Orange County was 8,196.

The standard error of the estimated 7,770 housing units with no air conditioning is found by multiplying the unadjusted standard error 100 by the adjustment factor, which was determined to be 0.6. This yields the estimated standard error of 60 for the total housing units with no air conditioning in Orange County.

The estimated percent of housing units with no air conditioning is 94.8. From table B, the unadjusted standard error is found to be 0.55. Thus, the standard error for the estimated 94.8 percent of housing units with no air conditioning is 0.55 x 0.6 = 0.33.

A note of caution concerning numerical values is necessary. Standard errors of percentages derived in this manner are approximate. Calculations can be expressed to several decimal places, but to do so would indicate more precision in the data than is justifiable. Final results should contain no more than one decimal place when the estimated standard error is one percentage point (i.e., 1.0) or more.

In the previous example, the standard error of the 7,770 housing units with no air conditioning in Orange County was found to be 60. Thus, a 95-percent confidence interval for this estimated total is found to be:

$$[7{,}770-2\,(60)] \text{ to } [7{,}770+2\,(60)]$$

or

$$7{,}650 \text{ to } 7{,}890.$$

One can say with about 95-percent confidence that this interval includes the value that would have been obtained by averaging the results from all possible samples.

The calculation of standard errors and confidence intervals will be illustrated when a difference of two sample estimates is obtained. For example, the number of housing units with no air conditioning in Windham County was 15,594, and the total number of housing units was 17,378. Thus, the percentage of housing units with no air conditioning was 89.7. The unadjusted standard error from table B is 0.52 percent. Table D lists Windham County with a percent in sample of 36.0. From table C, the column that gives the range which includes 36.0 percent in sample shows the adjustment factor to be 0.6 for "Air conditioning." Thus, the approximate standard error of the percentage (89.7 percent) is 0.52 x 0.6 = 0.31.

Suppose that one wishes to obtain the standard error of the difference between Windham County and Orange County of the percentages of housing units with no air conditioning.

The difference in the percentages of interest for the two counties is:

$$94.8-89.7 = 5.1 \text{ percent.}$$

Using the results of the previous example:

$$Se(5.1) = \sqrt{(Se(94.8))^2 + (Se(89.7))^2}$$

$$= \sqrt{(0.33)^2 + (0.31)^2}$$

$$= 0.45 \text{ percent.}$$

The 95-percent confidence interval for the difference is formed as before:

$$[5.1 - 2(0.45)] \text{ to } [5.1 + 2(0.45)]$$

or

4.2 to 6.0.

One can say with 95-percent confidence that the interval includes the difference that would have been obtained by averaging the results from all possible samples.

ESTIMATION PROCEDURE

The estimates which appear in this publication were obtained from an iterative ratio estimation procedure which resulted in the assignment of a weight to each sample person or housing unit record. For any given tabulation area, a characteristic total was estimated by summing the weights assigned to the persons or housing units in the tabulation area which possessed the characteristic. Estimates of family characteristics were based on the weights assigned to the family members designated as householders. Each sample person or housing unit record was assigned exactly one weight to be used to produce estimates of all characteristics. For example, if the weight given to a sample person or housing unit had the value five, all characteristics of that person or housing unit would be tabulated with a weight of five. The estimation procedure, however, did assign weights which vary from person to person or housing unit to housing unit.

The estimation procedure used to assign the weights was performed in geographically defined "weighting areas." Weighting areas were generally formed of adjoining portions of geography, which closely agreed with census tabulation areas within counties. Weighting areas were required to have a minimum sample of 400 persons. Weighting areas were never allowed to cross state or county boundaries. In small counties with a sample count of less than 400 persons, the minimum required sample condition was relaxed to permit the entire county to become a weighting area.

Within a weighting area, the ratio estimation procedure for persons was performed in three stages. For persons the first stage employed 17 household type groups. The second stage used two groups: householders and nonhouseholders. The third stage could potentially use 160 age-sex-race-Spanish origin groups. The stages were as follows:

PERSONS

Stage I—Type of Household

Group	*Persons in Housing Units With a Family With Own Children Under 18*
1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit
	Persons in Housing Units With a Family Without Own Children Under 18
6-10	2 persons in housing unit through 8 or more persons in housing unit
	Persons in All Other Housing Units
11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit
17	*Persons in group quarters*

Stage II—Householder/Nonhouseholder

Group	
1	Householder
2	Nonhouseholder (including persons in group quarters)

Stage III—Age/Sex/Race/Spanish Origin

Group	*White Race*
	Persons of Spanish Origin
	Male
1	0 to 4 years of age
2	5 to 14 years of age
3	15 to 19 years of age
4	20 to 24 years of age
5	25 to 34 years of age
6	35 to 44 years of age
7	45 to 64 years of age
8	65 years of age or older
	Female
9-16	Same age categories as groups 1 to 8
	Persons Not of Spanish Origin
17-32	Same age and sex categories as group 1 to 16
	Black Race
33-64	Same age-sex-Spanish origin categories as groups 1 to 32
	Asian, Pacific Islander Race
65-96	Same age-sex-Spanish origin categories as groups 1 to 32
	Indian (American) or Eskimo or Aleut Race
97-128	Same age-sex-Spanish origin categories as groups 1 to 32
	Other Race (includes those races not listed above)
129-160	Same age-sex-Spanish origin categories as groups 1 to 32

Within a weighting area, the first step in the estimation procedure was to assign each sample person record an initial weight. This weight was approximately equal to the inverse of the probability of selecting a person for the census sample.

The next step in the estimation procedure was to combine, if necessary, the groups in each of the three stages prior to the repeated ratio estimation in order to increase the reliability of the ratio estimation procedure. For the first and second stages, any group that did not meet certain criteria concerning the unweighted sample count or the ratio of the complete count to the initially weighted sample count, was combined, or collapsed, with another group in the same stage according to a specified collapsing pattern. At the third stage, the "Other" race category was collapsed with the "White" race category before the above collapsing criteria as well as an additional criterion concerning the number of complete count persons in each category were applied.

As the final step, the initial weights underwent three stages of ratio adjustment which used the groups listed above. At the first stage, the ratio of the complete census count to the sum of the initial weights for each sample person was computed for each stage I group. The

initial weight assigned to each person in a group was then multiplied by the stage I group ratio to produce an adjusted weight. In stage II, the stage I adjusted weights were again adjusted by the ratio of the complete census count to the sum of the stage I weights for sample persons in each stage II group. Finally, the stage II weights were adjusted at stage III by the ratio of the complete census count to the sum of the stage II weights for sample persons in each stage III group. The three stages of adjustment were performed twice (two iterations) in the order given above. The weights obtained from the second iteration for stage III were assigned to the sample person records. However, to avoid complications in rounding for tabulated data, only whole number weights were assigned. For example, if the final weight for the persons in a particular group was 7.2, then one-fifth of the sample persons in this group were randomly assigned a weight of 8 and the remaining four-fifths received a weight of 7.

Separate weights were derived for tabulating the place of work and migration data items. The weights were obtained by adjusting the weight derived above for persons on questionnaires selected for coding by the reciprocal of the ED coding rate and a ratio adjustment to ensure that the sum of the weights and the complete count total population figure would agree.

The ratio estimation procedure for housing units was essentially the same as that for persons. The major difference was that the occupied housing unit ratio estimation procedure was done in two stages and the vacant housing unit ratio estimation procedure was done in one stage. The first stage for occupied housing units employed 16 household-type categories and the second stage could potentially use 190 tenure-race-Spanish origin-value/rent groups. For vacant housing units, three groups were utilized. The stages for the ratio estimation for housing units were as follows:

OCCUPIED HOUSING UNITS

Stage I—Type of Household

Group	*Housing Units With a Family With Own Children Under 18*
1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit
	Housing Units With a Family Without Own Children Under 18
6-10	2 persons in housing unit through 8 or more persons in housing unit
	All Other Housing Units
11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit

Stage II—Tenure/Race and Origin of Householder/Value or Rent

Group	*Owner*
	White Race (householder)
	Persons of Spanish Origin (householder)
	Value of House
1	$0 to $9,999
2	$10,000 to $19,999
3	$20,000 to $24,999
4	$25,000 to $49,999
5	$50,000 to $99,999
6	$100,000 to $149,999
7	$150,000+
8	Other Owners
	Persons Not of Spanish Origin
9-16	Same value categories as groups 1 to 8
	Black Race
17-32	Same value—Spanish origin categories as groups 1 to 16
	Asian, Pacific Islander Race
33-48	Same value—Spanish origin categories as groups 1 to 16
	Indian (American) or Eskimo or Aleut Race
49-64	Same value—Spanish origin categories as groups 1 to 16
	Other Race (includes those races not listed above)
65-80	Same value—Spanish origin categories as groups 1 to 16
	Renter
	White Race
	Persons of Spanish Origin
	Rent Categories
81	$1 to $59
82	$60 to $99
83	$100 to $149
84	$150 to $199
85	$200 to $249
86	$250 to $299
87	$300 to $399
88	$400 to $499
89	$500+
90	Other Renter
91	No Cash Rent
	Persons not of Spanish origin
92-102	Same rent categories as groups 81 to 91
	Black Race
103-124	Same rent—Spanish origin categories as groups 81 to 102
	Asian, Pacific Islander Race
125-146	Same rent—Spanish origin categories as groups 81 to 102
	Indian (American) or Eskimo or Aleut Race
147-168	Same rent—Spanish origin categories as groups 81 to 102
	Other Race (includes those races not listed above)
169-190	Same rent—Spanish origin categories as groups 81 to 102

VACANT HOUSING UNITS

Group	
1	*Vacant for Rent*
2	*Vacant for Sale*
3	*Other Vacant*

The estimates produced by this procedure realize some of the gains in sampling efficiency that would have resulted if the population had been stratified into the ratio estimation groups before sampling, and the sampling rate had been applied independently to each group. The net effect is a reduction in both the standard error and the possible bias of most estimated characteristics to levels below what would have resulted from simply using the initial (unadjusted) weight. A by-product of this estimation procedure is that the estimates from the sample will, for the most part, be consistent with the

complete-count figures for the population and housing unit groups used in the estimation procedure.

CONTROL OF NONSAMPLING ERROR

As mentioned above, nonsampling error is present in both sample and complete count data. If left unchecked, this error could introduce serious bias into the data, the variability of which could increase dramatically over that which would result purely from sampling. While it is impossible to completely eliminate nonsampling error from an operation as large and complex as the 1980 census, the Bureau of the Census attempted to control the sources of such error during the collection and processing operations. The primary sources of nonsampling error and the programs instituted for control of this error are described below. The success of these programs, however, was contingent upon how well the instructions were actually carried out during the census. To the extent possible, both the effects of these programs and the amount of error remaining after their application will be evaluated.

Undercoverage—It is possible for some households or persons to be entirely missed by the census. This undercoverage of persons and housing units can introduce biases into the data. Several extensive programs were developed to focus on this important problem.

- The Postal Service reviewed mailing lists and reported housing unit addresses which were missing, undeliverable, or duplicated in the listings.
- The purchased commercial mailing list was updated and corrected by a complete field review of the list of housing units during a precanvass operation.
- A record check was performed to reduce the undercoverage of individual persons in selected areas. Independent lists of persons, such as driver's license holders, were matched with the household rosters in the census listings. Persons not matched to the census rosters were followed up and added to the census counts if they were found to have been missed.
- A recheck of units initially classified as vacant or nonexistent was utilized to further reduce the undercoverage of persons.

More extensive discussions of programs developed to reduce undercoverage will be published as the analyses of those programs are completed.

Respondent and Enumerator Error—The person answering the questionnaire or responding to the questions posed by an enumerator could serve as a source of error by offering incorrect or incomplete information. To reduce this source of error, questions were phrased as clearly as possible based on precensus tests and detailed instructions for completing the questionnaire were provided to each household. In addition, respondents' answers were edited for completeness and consistency and followed up as necessary. For example, if the source of water item was incomplete for a housing unit, long-form field edit procedures would recognize the situation, and a followup attempt to obtain the information would be made.

The enumerator may misinterpret or otherwise incorrectly record information given by a respondent; may fail to collect some of the information for a person or household; or may collect data for households that were not designated as part of the sample. To control these problems, the work of enumerators was carefully monitored. Field staff were prepared for their tasks by using standardized training packages which included experience in using census materials. A sample of the households interviewed by enumerators for nonresponse was reinterviewed to control for the possibility of data for fabricated persons being submitted by enumerators. Also, the estimation procedure was designed to control for biases that would result from the collection of data from households not designated for the sample.

Processing Error—The many phases of processing the census represent potential sources for the introduction of nonsampling error. The processing of the census questionnaires includes the field editing, followup, and transmittal of completed questionnaires; the manual coding of write-in responses; and the electronic data processing. The various field, coding and computer operations undergo a number of quality control checks to insure their accurate application.

Nonresponse—Nonresponse to particular questions on the census questionnaire allows for the introduction of bias into the data, since the characteristics of the nonrespondents have not been observed and may differ from those reported by respondents. As a result, any allocation procedure using respondent data may not completely reflect this difference either at the element level (individual person or housing unit) or on the average. Some protection against the introduction of large biases is afforded by minimizing nonresponse. In the census, nonresponse was substantially reduced during the field operations by the various edit and followup operations aimed at obtaining a response for every question. Characteristics for the nonresponses remaining after this operation were allocated by the computer using reported data for a person or housing unit with similar characteristics. The allocation procedure is described below.

EDITING OF UNACCEPTABLE DATA

The objective of the processing operation is to produce a set of statistics that describes the nation's population and housing as accurately and clearly as possible. To meet this objective, certain unacceptable entries were edited.

In the field, questionnaires were reviewed for omissions and certain inconsistencies by a census clerk or an enumerator and, if necessary, a followup was made to obtain missing information. In addition, a similar review of questionnaires was done in the central processing offices. As a rule, however, editing was performed by hand only when it could not be done effectively by machine.

As one of the first steps in computerized editing, the configuration of marks on the questionnaire was scanned electronically to determine whether it contained information for a person or housing unit or merely spurious marks. If any characteristic was still missing at the time the questionnaire reached the central processing offices, the characteristic was supplied by allocation. Allocation, or assignments of acceptable codes in place of unacceptable entries, were

needed most often when an entry for a given item was lacking or when the information reported for a particular item was inconsistent with another item for the same housing unit. As in previous censuses, the general procedure for changing unacceptable entries was to assign an entry for a housing unit that was consistent with entries for other housing units with similar characteristics. For example, if the unit was reported as rented but the amount of rent was missing, the computer automatically assigned the rent that was reported for the preceding renter-occupied unit. The assignment of acceptable codes in place of blanks or unacceptable entries, it is believed, enhances the usefulness of the data.

Specific tolerances were established for the number of computer allocations and substitutions that would be permitted. If the number of corrections was beyond tolerance, the questionnaires in which the errors occurred were clerically reviewed. If it was found that the errors resulted from damaged questionnaires, from improper microfilming, from faulty reading by FOSDIC of undamaged questionnaires, or from other types of machine failure, the questionnaires were reprocessed.

ALLOCATION TABLES

The extent of allocation on the individual subject characteristics may be found in tables B-1 and B-2 which follow table 102.

For all characteristics except vehicles available, the allocation rates shown are obtained by dividing the number of housing units with the characteristics allocated by the number of year-round or occupied units. The allocation rates for vehicles available are the sum of the rates for the two component parts—automobiles available and vans or trucks available.

Table A. Unadjusted Standard Errors for Estimated Totals

[Based on a 1-in-6 simple random sample]

Estimated Total 1/	Size of publication area 2/													
	500	1 000	2 500	5 000	10 000	25 000	50 000	100 000	250 000	500 000	1 000 000	5 000 000	10 000 000	25 000 000
50.....	16	16	16	16	16	16	16	16	16	16	16	16	16	16
100.....	20	21	22	22	22	22	22	22	22	22	22	22	22	22
250.....	25	30	35	35	35	35	35	35	35	35	35	35	35	35
500.....	-	35	45	45	50	50	50	50	50	50	50	50	50	50
1 000.....	-	-	55	65	65	70	70	70	70	70	70	70	70	70
2 500.....	-	-	-	80	95	110	110	110	110	110	110	110	110	110
5 000.....	-	-	-	-	110	140	150	150	160	160	160	160	160	160
10 000.....	-	-	-	-	-	170	200	210	220	220	220	220	220	220
15 000.....	-	-	-	-	-	170	230	250	270	270	270	270	270	270
25 000.....	-	-	-	-	-	-	250	310	340	350	350	350	350	350
75 000.....	-	-	-	-	-	-	-	310	510	570	590	610	610	610
100 000.....	-	-	-	-	-	-	-	-	550	630	670	700	700	710
250 000.....	-	-	-	-	-	-	-	-	-	790	970	1 090	1 100	1 100
500 000.....	-	-	-	-	-	-	-	-	-	-	1 120	1 500	1 540	1 570
1 000 000....	-	-	-	-	-	-	-	-	-	-	-	2 000	2 120	2 190
5 000 000....	-	-	-	-	-	-	-	-	-	-	-	-	3 540	4 470
10 000 000...	-	-	-	-	-	-	-	-	-	-	-	-	-	5 480

1/ For estimated totals larger than 10 000 000, the standard error is somewhat larger than the table values. The formula given below should be used to calculate the standard error.

$$Se\ (\hat{Y}) = \sqrt{5\hat{Y}\ (1-\frac{\hat{Y}}{N})}$$

N = Size of area

$\hat{Y}$ = Estimate of characteristic total

2/ The total count of persons in the area if the estimated total is a person characteristic, or the total count of housing units in the area if the estimated total is a housing unit characteristic.

Table B. Unadjusted Standard Error in Percentage Points for Estimated Percentages

[Based on a 1-in-6 simple random sample]

Estimated Percentage	Base of percentage 1/												
	500	750	1 000	1 500	2 500	5 000	7 500	10 000	25 000	50 000	100 000	250 000	500 000
2 or 98.....	1.4	1.1	1.0	0.8	0.6	0.4	0.4	0.3	0.2	0.1	0.1	0.1	0.1
5 or 95.....	2.2	1.8	1.5	1.3	1.0	0.7	0.6	0.5	0.3	0.2	0.2	0.1	0.1
10 or 90.....	3.0	2.4	2.1	1.7	1.3	0.9	0.8	0.7	0.4	0.3	0.2	0.1	0.1
15 or 85.....	3.6	2.9	2.5	2.1	1.6	1.1	0.9	0.8	0.5	0.4	0.3	0.2	0.1
20 or 80.....	4.0	3.3	2.8	2.3	1.8	1.3	1.0	0.9	0.6	0.4	0.3	0.2	0.1
25 or 75.....	4.3	3.5	3.1	2.5	1.9	1.4	1.1	1.0	0.6	0.4	0.3	0.2	0.1
30 or 70.....	4.6	3.7	3.2	2.6	2.0	1.4	1.2	1.0	0.6	0.5	0.3	0.2	0.1
35 or 65.....	4.8	3.9	3.4	2.8	2.1	1.5	1.2	1.1	0.7	0.5	0.3	0.2	0.2
50.....	5.0	4.1	3.5	2.9	2.2	1.6	1.3	1.1	0.7	0.5	0.4	0.2	0.2

1/ For a percentage and/or base of percentage not shown in the table, the formula given below may be used to calculate the standard error.

$$Se\ (\hat{p}) = \sqrt{\frac{5}{B}\ \hat{p}(100-\hat{p})}$$

B = Base of estimated percentage

$\hat{p}$ = Estimated percentage

Table C. Standard Error Adjustment Factors

[Percent of persons or housing units in sample]

Characteristic	Less than 19 Percent	19 to 33 Percent	More than 33 Percent
Occupancy and vacancy status	1.1	0.8	0.5
Tenure	1.1	0.9	0.5
Units in structure	1.0	0.9	0.5
Stories in structure	0.9	0.7	0.4
Passenger elevator	1.0	0.7	0.5
Source of water	1.0	0.8	0.5
Sewage disposal	1.0	0.8	0.5
Year structure built	1.0	0.8	0.5
Year householder moved into housing unit	1.1	0.9	0.5
Heating equipment and fuel	1.1	0.9	0.5
Kitchen facilities	1.0	0.7	0.5
Number of bedrooms or bathrooms	1.1	0.9	0.5
Telephone in housing unit	1.1	0.8	0.5
Air conditioning	1.3	1.0	0.6
Vehicles available	1.1	0.9	0.5
Gross rent	1.1	0.9	0.5
Mortgage status and selected monthly owner cost	1.1	0.9	0.5
Income	1.0	0.9	0.5
Poverty status	1.1	0.9	0.5
Complete plumbing facilities for exclusive use with 1.01 persons per room or more	1.1	0.9	0.5

Table D. **Percent of Housing Units in Sample: 1980**

[For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The State Urban and Rural and Size of Place Inside and Outside SMSA's SCSA's SMSA's Urbanized Areas Places of 2,500 or More Counties American Indian Reservations	Housing units	
	100-percent count	Percent in sample
* The State	**223 199**	**32.1**
URBAN AND RURAL AND SIZE OF PLACE		
Urban	**66 254**	**16.0**
Inside urbanized areas	27 355	16.1
Central cities	13 763	16.0
Urban fringe	13 592	16.2
Outside urbanized areas	38 899	16.0
Places of 10,000 or more	7 341	16.1
Places of 2,500 to 10,000	31 558	15.9
Rural	**156 945**	**38.9**
Places of 1,000 to 2,500	18 707	39.2
Other rural	138 238	38.9
Farm	–	...
INSIDE AND OUTSIDE SMSA's		
Inside SMSA's	**41 198**	**20.3**
Urban	27 355	16.1
Central cities	13 763	16.0
Not in central cities	13 592	16.2
Rural	13 843	28.7
Outside SMSA's	**182 001**	**34.8**
Urban	38 899	16.0
Rural	143 102	39.9
SMSA's		
Burlington, Vt.	41 198	20.3
Urban	27 355	16.1
Rural	13 843	28.7
URBANIZED AREAS		
Burlington, Vt.	27 355	16.1
PLACES OF 2,500 OR MORE		
Barre city	4 152	15.8
Bellows Falls village	1 509	16.4
Bennington (CDP)	3 697	15.8
Brattleboro (CDP)	3 429	16.1
Burlington city	13 763	16.0
Essex Junction village	2 547	16.3
Middlebury (CDP)	1 503	15.8
Montpelier city	3 437	15.8
Newport city	2 010	16.1
Rutland city	7 341	16.1
St. Albans city	3 077	16.1
St. Johnsbury (CDP)	3 105	16.5
South Burlington city	3 972	16.1
Springfield (CDP)	2 369	15.4
Swanton village	978	15.2
West Brattleboro (CDP)	1 217	15.9
White River Junction (CDP)	1 075	16.1
Winooski city	2 403	16.1
COUNTIES		
Addison	12 002	41.4
Bennington	15 597	31.4
Caledonia	11 611	34.6
Chittenden	41 347	20.4
Essex	3 704	45.2
Franklin	14 460	32.4
Grand Isle	3 556	48.4
Lamoille	7 537	34.7
Orange	10 483	46.0
Orleans	11 175	37.9
Rutland	25 778	30.5
Washington	22 113	30.9
Windham	19 561	36.0
Windsor	24 275	32.4

Table E. **Percent of Housing Units in Sample for Towns/Townships: 1980**

[For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Towns/Townships of 2,500 or More	Housing units	
	100-percent count	Percent in sample
Barre town	2 335	16.0
Barton town	1 291	39.0
Bennington town	5 815	19.1
Brandon town	1 519	15.2
Brattleboro town	4 866	16.0
Bristol town	1 225	35.0
Castleton town	1 706	15.4
Charlotte town	1 043	48.6
Chester town	1 360	15.7
Colchester town	4 566	16.1
Derby town	1 786	25.8
Essex town	4 826	16.3
Fair Haven town	1 070	16.7
Georgia town	1 053	47.9
Hardwick town	1 155	33.9
Hartford town	3 483	15.4
Hinesburg town	1 025	48.7
Jericho town	1 079	28.5
Johnson town	B96	31.9
Lyndon town	1 753	25.9
Manchester town	1 634	21.3
Middlebury town	2 234	16.0
Milton town	2 321	22.8
Morristown town	1 787	28.5
Northfield town	1 704	30.7
Pittsford town	1 077	49.1
Poultney town	1 423	28.3
Pownal town	1 397	15.4
Randolph town	1 669	33.8
Richmond town	1 071	26.1
Rockingham town	2 336	18.6
Rutland town	1 154	15.5
St. Albans town	1 662	16.3
St. Johnsbury town	3 377	16.4
Shaftsbury town	1 181	48.6
Shelburne town	1 719	16.1
Springfield town	4 076	15.7
Stowe town	1 823	20.6
Swanton town	2 167	15.7
Waterbury town	1 658	30.2
Weathersfield town	1 069	48.2
Williston town	1 284	16.4
Windsor town	1 584	15.9
Woodstock town	1 548	27.9

Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

INSTRUCTIONS FOR QUESTIONS 1 THROUGH 10

1. List in question 1 (on page 1), the names of all the people who usually live here. Then turn to pages 2 and 3 where there are columns to list up to seven persons. In the first column print the name of one of the household members in whose name this home is owned or rented. If no household member owns or rents the living quarters, list in the first column any adult household member who is not a roomer, boarder, or paid employee. Print the names of the other household members, if any, in the columns which follow, using question 1 as a checklist.

2. Fill a circle to show how each person is related to the person in column 1.

   A stepchild or legally adopted child of the person in column 1 should be marked **Son/daughter**. Foster children or wards living in the household should be marked **Roomer, boarder.**

3. Be sure to fill a circle for the sex of each person.

4. Fill the circle for the category with which the person most closely identifies. If you fill the **Indian (American)** or **Other** circle, be sure to print the name of the specific Indian tribe or specific group.

5. Enter age at last birthday in the space provided (enter "0" for babies less than one year old). Also enter month and year of birth, *and* fill the appropriate circles. For an illustration of how to complete question 5, see the example on pages 4 and 5. If age or month or year of birth is not known, give your best estimate.

6. If the person's only marriage was annulled, mark **Never married.**

7. A person is of Spanish/Hispanic origin or descent if the person *identifies* his or her ancestry with one of the listed groups, that is, Mexican, Puerto Rican, etc. Origin or descent (ancestry) may be viewed as the nationality group, the lineage, or country in which the person or the person's parents or ancestors were born.

8. Do not count enrollment in a trade or business school, company training, or tutoring unless the course would be accepted for credit at a regular elementary school, high school, or college. A *public* school is any school or college which is controlled and supported primarily by a local, county, State, or Federal Government.

9. Fill only one circle. Mark the highest grade *ever* attended even if the person did not finish it. If the person is still in school, mark the grade in which now enrolled. Schooling received in foreign or ungraded schools should be reported as the equivalent grade or year in the regular American school system. If uncertain whether a Head Start program is for nursery school or kindergarten, mark the circle for **Nursery school.**

   If the person skipped or repeated grades, mark the highest grade ever attended regardless of how long it took to get there. Persons who did not attend any college but who completed high school by finishing the 12th grade or by passing an equivalency test, such as the General Educational Development (GED) examination, should fill the circle for the 12th grade.

10. Mark **Finished this grade (or year)** only if the person finished the *entire* grade or year marked in question 9 or if the highest grade was completed by passing a high school equivalency test.

INSTRUCTIONS FOR QUESTIONS H4 THROUGH H12

H4. Mark only one circle. *This address* means the house or building number where your living quarters are located.

H5. Mark the second circle only if you *must* go through someone else's living quarters to get to your own.

H6. Consider that you have hot water even if you have it only part of the time.

Mark **Yes, but also used by another household** if someone else who lives in the same building, but is not a member of your household, also uses the facilities. Mark this circle also if the occupants of living quarters now vacant would also use the facilities in your living quarters.

H7. Count only whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do not count bathrooms, kitchenettes, strip or pullman kitchens, utility rooms, or unfinished attics, unfinished basements, or other space used for storage.

H8. Mark **Owned or being bought** if the living quarters are owned outright or are mortgaged. Also mark **Owned or being bought** if the living quarters are owned but the land is rented.

Mark **Rented for cash rent** if any money rent is paid. Rent may be paid by persons who are not members of your household.

Occupied without payment of cash rent includes, for example, a parsonage, military housing, a house or apartment provided free of rent by the owner, or a house or apartment occupied by a janitor or caretaker in exchange for services.

H9. A *condominium* is housing in which the apartments or houses in a development are individually owned, but the common areas, such as lobbies, halls, etc., are jointly owned. The person owning a condominium very likely has a mortgage on the particular unit.

H10b. A *commercial establishment* is easily recognized from the outside, for example, a grocery store or barber shop. A *medical office* is a doctor's or dentist's office regularly visited by patients.

H11. Include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the

land. If this is a condominium unit, enter the estimated value for your living quarters and your share of the common elements.

H12. Report the rent agreed to or contracted for, even if the rent is unpaid or paid by someone else.

If rent is not paid by the month, change the rent to a monthly amount; and then fill the appropriate circle in question H12.

If rent is paid:	Multiply rent by:
By the day	30
By the week	4
Every other week	2

If rent is paid:	Divide rent by:
4 times a year	3
2 times a year	6
Once a year	12

INSTRUCTIONS FOR QUESTIONS H13 THROUGH H20

H13. Mark only one circle.

Detached means there is open space on all sides, or the house is joined only to a shed or garage. *Attached* means that the house is joined to another house or building by at least one wall which goes from ground to roof.

Mark **A one-family house detached from any other house** when a mobile home or trailer has had one or more rooms added or built onto it; a porch or shed is not considered a room.

Count all occupied and vacant living quarters in the house or building, but not stores or office space.

H14a. Do not count unfinished basements or unfinished attics. However, a basement or attic with finished room(s) for living purposes should be counted as a story.

H15a. A *city or suburban* lot is usually located in a city, a community, or any built-up area outside a city or community, and is not larger than the house and yard. All living quarters in apartment buildings, including garden-type apartments in the city or suburbs, are considered on a city or suburban lot.

A *place* is a farm, ranch, or any other property, other than a city or suburban lot, on which this *residence* is located.

H16. If a well provides water for six or more houses or apartments, mark **A public system.** If a well provides water for five or fewer houses or apartments, mark one of the categories for *individual well.*

Drilled wells, or small diameter wells, are usually less than 1½ feet in diameter. *Dug wells* are generally hand dug and are wider.

H17. A *public sewer* is operated by a government body or a private organization. A *septic tank or cesspool* is an underground tank or pit used for disposal of sewage.

H19. The term *person in column 1* refers to the person listed in the first column on page 2. This person should be the household member (or one of the members) in whose name the house is owned or rented. If there is no such person, any adult household member can be the person in column 1. Mark when this person last moved into *this* house or apartment.

H20. This question refers to the type of *heating equipment* and not to the fuel used.

An *electric heat pump* is sometimes known as a reverse cycle system. It may be centrally installed with ducts to the rooms or individual heat pumps in the rooms.

A *floor, wall, or pipeless furnace* delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed and does not have ducts leading to other rooms.

Any heater that you plug into an electric outlet should be counted as a *portable room heater.*

INSTRUCTIONS FOR QUESTIONS H21 THROUGH H32

H21. *Gas from underground pipes* is piped in from a central system such as one operated by a public utility company or a municipal government. *Bottled, tank, or LP gas* is stored in tanks which are refilled or exchanged when empty. *Other fuel* includes any fuel not separately listed, for example, purchased steam, fuel briquettes, waste material, etc.

H22. If your living quarters are rented, enter the costs for utilities and fuels only if you pay for them in addition to the rent entered in H12. If already included in rent, fill the appropriate circle.

The amounts to be reported should be for the past 12 months, that is, for electricity and gas, the monthly *average* for the past 12 months; for water and other fuels, the *total* amount for the past 12 months.

Estimate as closely as possible when exact costs are not known.

Report amounts even if your bills are unpaid or paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own living quarters. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket ({) the two utilities.

H23. The kitchen sink, stove, and refrigerator must be located in the building but do *not* have to be in the same room. Portable cooking equipment is not considered as a range or cook stove.

H26. Answer Yes *only* if the telephone is located *in* your living quarters.

H27. Count only equipment used to cool the air by means of a refrigeration unit.

H28– H29. Count company cars (including police cars and taxicabs) and company trucks that are regularly kept at home and used by household members. Do *not* count cars or trucks permanently out of working order.

H30– H32. *Do not answer these questions if you live in a cooperative, regardless of the number of units in the structure.*

H30. Report taxes for all taxing jurisdictions even if they are included in mortgage payment, not paid yet, paid by someone else, or are delinquent.

H31. When premiums are paid on other than a yearly basis, convert to a yearly basis and enter the yearly amount, even if no payment was made during the past 12 months.

H32a. The word "mortgage" is used as a general term to indicate all types of loans which are secured by real estate.

b. A second or junior mortgage is also secured by real estate but has been made by the homeowner in addition to the first mortgage.

c. Enter a monthly amount even if it is unpaid or paid by someone else. If the amount is paid on some other periodic basis, see instructions for H12 to change it to a monthly amount.

INSTRUCTIONS FOR QUESTIONS 11 THROUGH 14

11. *For persons born in the United States:*
Print the name of the State in which this person's mother was living when this person was born. For persons born in a hospital, do not give the State in which the hospital was located unless the hospital and the mother's home were in the same State or the location of the mother's home is not known. For example, if a person was born in a hospital in Washington, D.C., but the mother's home was in Virginia at the time of the person's birth, enter "Virginia."

For persons born outside the United States:
Print the full name of the foreign country or Puerto Rico, Guam, etc., where the person was born. Use international boundaries as now recognized by the United States. Specify whether Northern Ireland or Ireland (Eire); East or West Germany; England, Scotland or Wales (*not* Great Britain or United Kingdom). Specify the particular island in the Caribbean, *not*, for example, West Indies.

12. This question is only for persons born in a foreign country. Fill the **Yes, a naturalized citizen** circle only if the person has *completed* the naturalization process and is now a citizen.

If the person has entered the U.S. more than once, fill the circle for the year he or she came to stay permanently.

13a. Mark **No, only speaks English** if the person always speaks English *at home*; then skip to question 14.

Mark **Yes** if the person speaks a language other than English *at home*. Do *not* mark **Yes** for a language spoken only at school or if speaking ability is limited to a few expressions or slang.

b. Print the non-English language spoken *at home*. If this person speaks two or more non-English languages *at home* and cannot determine which is spoken most often, report the first language the person learned to speak.

c. Fill the circle that best describes the person's *ability* to speak English.

(1) The circle **Very well** should be filled for persons who have no difficulty speaking English.

(2) The circle **Well** should be filled for persons who have only minor problems which do not seriously limit their ability to speak English.

(3) The circle **Not well** should be filled for persons who are seriously limited in their ability to speak English.

(4) The circle **Not at all** should be filled for persons who do not speak English at all.

14. Print the ancestry group with which the person *identifies*. Ancestry (or origin or descent) may be viewed as the nationality group, the lineage, or the country in which the person or the person's parents or ancestors were born before their arrival in the United States. Persons who are of more than one origin and who cannot identify with a single group should print their multiple ancestry (for example, German-Irish).

Be specific; for example, if ancestry is "Indian," specify whether American Indian, Asian Indian, or West Indian. Distinguish Cape Verdean from Portuguese, and French Canadian from Canadian.

A religious group should not be reported as a person's ancestry.

INSTRUCTIONS FOR QUESTIONS 15 THROUGH 20

15a. Mark **Yes, this house** if this person lived in this same house or apartment on April 1, 1975, but moved away and came back between then and now. Mark **No, different house** if this person lived in the same building but in a different apartment (or in the same mobile home or trailer but on a different trailer site).

b. If this person lived in a different house or apartment on April 1, 1975, give the location of this person's usual home at that time.

Part (1) If the person was living in the United States on April 1, 1975, print the name of the State. If the person did *not* live in the United States on April 1, 1975, print the full name of the foreign country or Puerto Rico, Guam, etc.

Part (2) If in Louisiana, print the parish name. If in Alaska, print the borough name. If in New York City – print the borough name if the county name is not known. If an independent city, leave blank.

Part (3) If in Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island or Vermont, print the name of the town rather than the name of the village or city, unless the name of the town is unknown.

Part (4) Mark **Yes** if you know that the location is *now* inside the limits of a city, town, village or other incorporated place, even if it was not inside the limits on April 1, 1975.

17a. Mark **Yes** only if this person was on *active* duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard. Mark **No** if the person was in the National Guard or the reserves.

b. Mark **Yes** if the person was attending a college or university either full or part time and was enrolled for credit toward a degree. Mark **No** if the person was taking only non-credit courses or was attending a vocational or trade school, such as secretarial school.

c. Mark **Yes, full time** if the person worked full time (35 hours or more per week). Mark **Yes, part time** if the person worked part time (less than 35 hours per week). Mark **No** if the person only did unpaid volunteer work, housework or yard work at own home, or if the only work done was as a resident of an institution.

18a. Mark **Yes** if this person was ever on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard, even if the time served was short. For persons in the National Guard or military reserve units, mark **Yes** *only* if the person was ever called to active duty; mark **No** if the only service was active duty for training.

b. If this person served during more than one period, fill all circles which apply, even if service was for a short time.

19. The term "health condition" refers to any physical or mental problem which has lasted for 6 *or more* months. A serious problem with seeing, hearing, or speech should be considered a health condition. Pregnancy or a temporary health problem such as a broken bone that is expected to heal normally should *not* be considered a health condition.

20. Count all children born alive, including any who have died (even shortly after birth) or who no longer live with her.

INSTRUCTIONS FOR QUESTIONS 21 THROUGH 26

21. If the exact date of marriage is not known, give your best estimate.

22a. Mark **Yes** if the person worked, either full or part time, on any day of last week (Sunday through Saturday).

Count as work:

Work for someone else for wages, salary, piece rate, commission, tips, or payments "in kind" (for example, food, lodging received as payment for work performed).

Work in own business, professional practice, or farm.

Any work in a family business or farm, paid or not.

Any part-time work including babysitting, paper routes, etc.

Active duty in Armed Forces.

Do not count as work:

Housework or yard work at home.

Unpaid volunteer work.

Work done as a resident of an institution.

b. Give the *actual* number of hours worked at *all jobs last week*, even if that was more or fewer hours than usually worked.

23. If the person worked at several locations, but reported to the same location each day to begin work, print where he or she reported. If the person did not report to the same location each day to begin work, print the words "various locations" for 23a, and give as much information as possible in the remainder of 23 to identify the area in which he or she worked *most* last week.

If the person's employer operates in more than one location (such as a grocery store chain or public school system), give the exact address of the location or branch where the person worked.

If the person worked in a foreign country or Puerto Rico, Guam, etc., print the name of the country in 23e and leave the other parts of 23 blank.

24a. Travel time is from door to door. Include time taken waiting for public transportation, picking up passengers in carpools, etc.

b. Mark **Worked at home** for a person who works on a farm where he or she lives, or in an office or shop in the person's home.

c. If the person was driven to work by someone who then drove back home or to a non-work destination, mark **Drive alone**.

d. Do not include riders who rode to school or some other non-work destination.

25. If the person works only during certain seasons or on a day-to-day basis when work is available, mark **No**.

26a. Mark **Yes** if the person tried to get a job or to start a business or professional practice at any time in the last *four* weeks; for example, registered at an employment office, went to a job interview, placed or answered ads, or did anything toward starting a business or professional practice.

b. Mark **No, already has a job** if the person was on layoff or was expecting to report to a job within 30 days.

Mark **No, temporarily ill** if the person expects to be able to work within 30 days.

Mark **No, other reasons** if the person could not have taken a job because he or she was going to school, taking care of children, etc.

INSTRUCTIONS FOR QUESTIONS 27 THROUGH 29

27. Look at the instructions for 22a to see what to count as work. Mark **Never worked** if the person: (1) never worked at any kind of job or business, either full or part time, (2) never did any work, with or without pay, in a family business or farm *and* (3) never served in the Armed Forces.

28a. If the person worked for a company, business, or government agency, print the name of the company, not the name of the person's supervisor. If the person worked for an individual or a business that has no company name, print the name of the individual worked for. If the person worked in his or her own business, print "self-employed."

b. Print two or more words to tell what the business, industry, or individual employer named in 28a does. If there is more than one activity, describe only the major activity *at the place where the person works*. Enter what is made, what is sold, or what service is given.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

Unacceptable	Acceptable
Furniture company	Metal furniture manufacturing
Grocery store	Wholesale grocery store
Oil company	Retail gas station
Ranch	Cattle ranch

c. Mark **Manufacturing** if the factory, plant, mill, etc., mostly makes things, even if it also sells them.

Mark **Wholesale trade** if the business mostly sells things to stores or other companies.

Mark **Retail trade** if the business mostly sells things (not services) to individuals.

Mark **Other** if the main activity of the employer is not making or selling things. Some examples of **Other** are farming, construction, and services such as those provided by hotels, dry cleaners, repair shops, schools, and banks.

29a. Print two or more words to describe the kind of work the person does. If the person is a trainee, apprentice, or helper, include that in the description.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

Unacceptable	Acceptable
Clerk	Production clerk
Helper	Carpenter's helper
Mechanic	Auto engine mechanic
Nurse	Registered nurse

b. Print the most important things that the person does on the job. Some examples are shown on the census form.

INSTRUCTIONS FOR QUESTIONS 30 THROUGH 33

30. If the person was an employee of a *private* nonprofit organization, such as a church, fill the first circle.

Mark **Local government employee** for a teacher working in an elementary or secondary public school.

31a. Look at the instructions for question 22a to see what to count as work.

b. Count every week in which the person did any work at all, even for an hour.

c. If the hours worked each week varied considerably, give the best estimate of the hours usually worked most weeks.

d. Count every week in which the person did not work at all, but spent any time looking for work or on layoff from a job. *Looking for work* means trying to get a job or start a business or professional practice; *layoff* includes either temporary or indefinite layoff.

32. Fill the **Yes** or **No** circle for each part and enter the appropriate amount. If income from any source was received jointly by household members, report if possible, the appropriate share for each person; otherwise, report the whole amount for only one person and mark **No** for the other person, unless the other person has additional income of the same type.

a. Include sick leave pay. Do not include reimbursement for business expenses and pay "in kind," (for example, food, lodging received as payment for work performed).

b. Include net earnings (gross earnings minus business expenses) from a nonfarm business. If business lost money, write "Loss" above the amount.

c. Include net earnings (gross receipts minus operating expenses) from a farm. If farm lost money, write "Loss" above the amount.

d. Include interest and dividends credited to the person's account (for example, from savings accounts and stock shares), net royalties, and net income from rental property.

e. Include Social Security or Railroad Retirement payments to retired persons, to dependents of deceased insured workers and to disabled workers.

f. Include public assistance or welfare payments received from Federal, State, or local agencies. Do not include private welfare payments.

g. Include all other regular payments, such as government employee retirement, union or private pensions and annuities; unemployment benefits; worker's compensation; Armed Forces allotments; private welfare payments; regular contributions from persons not living in the household; etc.

Do not include lump-sum payments received from the sale of property (capital gains), insurance policies, inheritances, etc.

33. If no income was received in 1979, fill the **None** circle. If total income was a loss, write "Loss" above the amount.

Please fill out this official Census Form and mail it back on Census Day, Tuesday, April 1, 1980

1980 Census of the United States

If the address shown below has the wrong apartment identification, please write the correct apartment number or location here:

DO	A1	A2	A4	A5	A6
				L	

Your answers are confidential

By law (title 13, U.S. Code), census employees are subject to fine and/or imprisonment for any disclosure of your answers. Only after 72 years does your information become available to other government agencies or the public. The same law requires that you answer the questions to the best of your knowledge.

Para personas de habla hispana

(For Spanish-speaking persons):
SI USTED DESEA UN CUESTIONARIO DEL CENSO EN ESPAÑOL llame a la oficina del censo. El número de teléfono se encuentra en el encasillado de la dirección.

O, si prefiere, marque esta casilla ☐ y devuelva el cuestionario por correo en el sobre que se le incluye.

A message from the Director,
Bureau of the Census . . .

We must, from time to time, take stock of ourselves as a people if our Nation is to meet successfully the many national and local challenges we face. This is the purpose of the 1980 census.

The essential need for a population census was recognized almost 200 years ago when our Constitution was written. As provided by article I, the first census was conducted in 1790 and one has been taken every 10 years since then.

The law under which the census is taken protects the confidentiality of your answers. For the next 72 years — or until April 1, 2052 — only sworn census workers have access to the individual records, and no one else may see them.

Your answers, when combined with the answers from other people, will provide the statistical figures needed by public and private groups, schools, business and industry, and Federal, State, and local governments across the country. These figures will help all sectors of American society understand how our population and housing are changing. In this way, we can deal more effectively with today's problems and work toward a better future for all of us.

The census is a vitally important national activity. Please do your part by filling out this census form accurately and completely. If you mail it back promptly in the enclosed postage-paid envelope, it will save the expense and inconvenience of a census taker having to visit you.

Thank you for your cooperation.

U S Department of Commerce
Bureau of the Census
Form D-2

Form Approved
O M B No 41-S78006

Please continue

How to fill out your Census Form

See the filled-out example in the yellow instruction guide. This guide will help with any problems you may have.

If you need more help, call the Census Office. The telephone number of the local office is shown at the bottom of the address box on the front cover.

Use a black pencil to answer the questions. Black pencil is better to use than ballpoint or other pens.

Fill circles "O" completely, like this ●

When you write in an answer, print or write clearly.

Make sure that answers are provided for everyone here.

See page 4 of the guide if a roomer or someone else in the household does not want to give you all the information for the form.

Answer the questions on pages 1 through 5, and then starting with pages 6 and 7, fill a pair of pages for each person in the household.

Check your answers. Then write your name, the date, and telephone number on page 20.

Mail back this form on Tuesday, April 1, or as soon afterward as you can. Use the enclosed envelope, no stamp is needed.

Please start by answering Question 1 below.

Question 1

List in Question 1

- Family members living here, including babies still in the hospital
- Relatives living here
- Lodgers or boarders living here
- Other persons living here
- College students who stay here while attending college, even if their parents live elsewhere
- Persons who usually live here but are temporarily away (including children in boarding school below the college level)
- Persons with a home elsewhere but who stay here most of the week while working

Do Not List in Question 1

- Any person away from here in the Armed Forces.
- Any college student who stays somewhere else while attending college
- Any person who usually stays somewhere else most of the week while working there
- Any person away from here in an institution such as a home for the aged or mental hospital.
- Any person staying or visiting here who has a usual home elsewhere

1. What is the name of each person who was living here on Tuesday, April 1, 1980, or who was staying or visiting here and had no other home?

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

Note

If everyone here is staying only temporarily and has a usual home elsewhere, please mark this box ☐.

Then please
- answer the questions on pages 2 through 5 only, and
- enter the address of your usual home on page 20.

Please continue →

Page 2

ALSO ANSWER THE HOUSING QUESTIONS ON PAGE 3

Here are the QUESTIONS ↓	These are the columns for ANSWERS → *Please fill one column for each person listed in Question 1.*	PERSON in column 1	PERSON in column 2
		Last name First name Middle initial	Last name First name Middle initial
2. How is this person related to the person in column 1? *Fill one circle.* *If "Other relative" of person in column 1, give exact relationship, such as mother-in-law, niece, grandson, etc.*		*START in this column with the household member (or one of the members) in whose name the home is owned or rented. If there is no such person, start in this column with any adult household member.*	If relative of person in column 1: ○ Husband/wife ○ Father/mother ○ Son/daughter ○ Other relative → ○ Brother/sister If not related to person in column 1: ○ Roomer, boarder ○ Other nonrelative → ○ Partner, roommate ○ Paid employee
3. Sex *Fill one circle.*		○ Male ■ ○ Female	○ Male ■ ○ Female
4. Is this person — *Fill one circle.*		○ White ○ Asian Indian ○ Black or Negro ○ Hawaiian ○ Japanese ○ Guamanian ○ Chinese ○ Samoan ○ Filipino ○ Eskimo ○ Korean ○ Aleut ○ Vietnamese ○ Other — *Specify* → ○ Indian (Amer.) *Print tribe* → _____	○ White ○ Asian Indian ○ Black or Negro ○ Hawaiian ○ Japanese ○ Guamanian ○ Chinese ○ Samoan ○ Filipino ○ Eskimo ○ Korean ○ Aleut ○ Vietnamese ○ Other — *Specify* → ○ Indian (Amer.) *Print tribe* → _____
5. Age, and month and year of birth *a. Print age at last birthday.* *b. Print month and fill one circle.* *c. Print year in the spaces, and fill one circle below each number.*		a. Age at last birthday c. Year of birth: 1 ● 8 ○ 9 ○ / Ø ○ 1 ○ 2 ○ 3 ○ 4 ○ 5 ○ 6 ○ 7 ○ 8 ○ 9 ○ / Ø ○ 1 ○ 2 ○ 3 ○ 4 ○ 5 ○ 6 ○ 7 ○ 8 ○ 9 ○ b. Month of birth ■ ○ Jan.—Mar. ○ Apr.—June ○ July—Sept. ○ Oct.—Dec.	a. Age at last birthday c. Year of birth: 1 ● 8 ○ 9 ○ / Ø ○ 1 ○ 2 ○ 3 ○ 4 ○ 5 ○ 6 ○ 7 ○ 8 ○ 9 ○ / Ø ○ 1 ○ 2 ○ 3 ○ 4 ○ 5 ○ 6 ○ 7 ○ 8 ○ 9 ○ b. Month of birth ■ ○ Jan.—Mar. ○ Apr.—June ○ July—Sept. ○ Oct.—Dec.
6. Marital status *Fill one circle.*		○ Now married ○ Separated ○ Widowed ○ Never married ○ Divorced	○ Now married ○ Separated ○ Widowed ○ Never married ○ Divorced
7. Is this person of Spanish/Hispanic origin or descent? *Fill one circle.*		○ No (not Spanish/Hispanic) ○ Yes, Mexican, Mexican-Amer., Chicano ○ Yes, Puerto Rican ■ ○ Yes, Cuban ○ Yes, other Spanish/Hispanic	○ No (not Spanish/Hispanic) ○ Yes, Mexican, Mexican-Amer., Chicano ○ Yes, Puerto Rican ■ ○ Yes, Cuban ○ Yes, other Spanish/Hispanic
8. Since February 1, 1980, has this person attended regular school or college at any time? *Fill one circle. Count nursery school, kindergarten, elementary school, and schooling which leads to a high school diploma or college degree.*		○ No, has not attended since February 1 ○ Yes, public school, public college ○ Yes, private, church-related ○ Yes, private, not church-related	○ No, has not attended since February 1 ○ Yes, public school, public college ○ Yes, private, church-related ○ Yes, private, not church-related
9. What is the highest grade (or year) of regular school this person has ever attended? *Fill one circle.* *If now attending school, mark grade person is in. If high school was finished by equivalency test (GED), mark "12."*		**Highest grade attended:** ○ Nursery school ○ Kindergarten Elementary through high school *(grade or year)* 1 2 3 4 5 6 7 8 9 10 11 12 ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ College *(academic year)* ■ 1 2 3 4 5 6 7 8 or more ○ ○ ○ ○ ○ ○ ○ ○ ○ Never attended school — *Skip question 10*	**Highest grade attended:** ○ Nursery school ○ Kindergarten Elementary through high school *(grade or year)* 1 2 3 4 5 6 7 8 9 10 11 12 ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ College *(academic year)* ■ 1 2 3 4 5 6 7 8 or more ○ ○ ○ ○ ○ ○ ○ ○ ○ Never attended school — *Skip question 10*
10. Did this person finish the highest grade (or year) attended? *Fill one circle.*		○ Now attending this grade *(or year)* ○ Finished this grade *(or year)* ○ Did not finish this grade *(or year)*	○ Now attending this grade *(or year)* ○ Finished this grade *(or year)* ○ Did not finish this grade *(or year)*
		CENSUS USE ONLY A. ○ I ○ N ○ ○	CENSUS USE ONLY A. ○ I ○ N ○ ○

NOW PLEASE ANSWER QUESTIONS H1—H12 FOR YOUR HOUSEHOLD

If you listed more than 7 persons in Question 1, please see note on page 20.

PERSON in column 7

Last name

First name — Middle initial

If relative of person in column 1:
- ○ Husband/wife
- ○ Son/daughter
- ○ Brother/sister
- ○ Father/mother
- ○ Other relative

If not related to person in column 1:
- ○ Roomer, boarder
- ○ Partner, roommate
- ○ Paid employee
- ○ Other nonrelative

○ Male ○ Female

- ○ White
- ○ Black or Negro
- ○ Japanese
- ○ Chinese
- ○ Filipino
- ○ Korean
- ○ Vietnamese
- ○ Indian (Amer.)
- ○ Asian Indian
- ○ Hawaiian
- ○ Guamanian
- ○ Samoan
- ○ Eskimo
- ○ Aleut
- ○ Other — *Specify*

Print tribe →

a. Age at last birthday

b. Month of birth
- ○ Jan.—Mar.
- ○ Apr.—June
- ○ July—Sept.
- ○ Oct.—Dec.

c. Year of birth: 1 8 0 0 0 (1 ● 9 ○; 0 ○ 1 ○ 2 ○ 3 ○ 4 ○ 5 ○ 6 ○ 7 ○ 8 ○ 9 ○)

- ○ Now married
- ○ Widowed
- ○ Divorced
- ○ Separated
- ○ Never married

- ○ No (not Spanish/Hispanic)
- ○ Yes, Mexican, Mexican-Amer., Chicano
- ○ Yes, Puerto Rican
- ○ Yes, Cuban
- ○ Yes, other Spanish/Hispanic

- ○ No, has not attended since February 1
- ○ Yes, public school, public college
- ○ Yes, private, church-related
- ○ Yes, private, not church-related

Highest grade attended:

○ Nursery school ○ Kindergarten

Elementary through high school *(grade or year)*

1 2 3 4 5 6 7 8 9 10 11 12

College *(academic year)*

1 2 3 4 5 6 7 8 or more

○ Never attended school—*Skip question 10*

- ○ Now attending this grade *(or year)*
- ○ Finished this grade *(or year)*
- ○ Did not finish this grade *(or year)*

CENSUS USE ONLY	A.	○ I	○ N	○ ○

H1. Did you leave anyone out of Question 1 because you were not sure if the person should be listed — *for example, a new baby still in the hospital, a lodger who also has another home, or a person who stays here once in a while and has no other home?*
- ○ Yes — *On page 20 give name(s) and reason left out.*
- ○ No

H2. Did you list anyone in Question 1 who is away from home now — *for example, on a vacation or in a hospital?*
- ○ Yes — *On page 20 give name(s) and reason person is away.*
- ○ No

H3. Is anyone visiting here who is not already listed?
- ○ Yes — *On page 20 give name of each visitor for whom there is no one at the home address to report the person to a census taker.*
- ○ No

H4. How many living quarters, occupied and vacant, are at this address?
- ○ One
- ○ 2 apartments or living quarters
- ○ 3 apartments or living quarters
- ○ 4 apartments or living quarters
- ○ 5 apartments or living quarters
- ○ 6 apartments or living quarters
- ○ 7 apartments or living quarters
- ○ 8 apartments or living quarters
- ○ 9 apartments or living quarters
- ○ 10 or more apartments or living quarters
- ○ This is a mobile home or trailer

H5. Do you enter your living quarters —
- ○ Directly from the outside or through a common or public hall?
- ○ Through someone else's living quarters?

H6. Do you have complete plumbing facilities in your living quarters, that is, hot and cold piped water, a flush toilet, and a bathtub or shower?
- ○ Yes, for this household only
- ○ Yes, but also used by another household
- ○ No, have some but not all plumbing facilities
- ○ No plumbing facilities in living quarters

H7. How many rooms do you have in your living quarters? *Do not count bathrooms, porches, balconies, foyers, halls, or half-rooms.*
- ○ 1 room
- ○ 2 rooms
- ○ 3 rooms
- ○ 4 rooms
- ○ 5 rooms
- ○ 6 rooms
- ○ 7 rooms
- ○ 8 rooms
- ○ 9 or more rooms

H8. Are your living quarters —
- ○ Owned or being bought by you or by someone else in this household?
- ○ Rented for cash rent?
- ○ Occupied without payment of cash rent?

H9. Is this apartment (house) part of a condominium?
- ○ No
- ○ Yes, a condominium

H10. *If this is a one-family house —*

a. Is the house on a property of 10 or more acres?
○ Yes ○ No

b. Is any part of the property used as a commercial establishment or medical office?
○ Yes ○ No

H11. *If you live in a one-family house or a condominium unit which you own or are buying —*

What is the value of this property, that is, how much do you think this property (house and lot or condominium unit) would sell for if it were for sale?

Do not answer this question if this is —
- A mobile home or trailer
- A house on 10 or more acres
- A house with a commercial establishment or medical office on the property

- ○ Less than $10,000
- ○ $10,000 to $14,999
- ○ $15,000 to $17,499
- ○ $17,500 to $19,999
- ○ $20,000 to $22,499
- ○ $22,500 to $24,999
- ○ $25,000 to $27,499
- ○ $27,500 to $29,999
- ○ $30,000 to $34,999
- ○ $35,000 to $39,999
- ○ $40,000 to $44,999
- ○ $45,000 to $49,999
- ○ $50,000 to $54,999
- ○ $55,000 to $59,999
- ○ $60,000 to $64,999
- ○ $65,000 to $69,999
- ○ $70,000 to $74,999
- ○ $75,000 to $79,999
- ○ $80,000 to $89,999
- ○ $90,000 to $99,999
- ○ $100,000 to $124,999
- ○ $125,000 to $149,999
- ○ $150,000 to $199,999
- ○ $200,000 or more

H12. *If you pay rent for your living quarters —*

What is the monthly rent?

If rent is not paid by the month, see the instruction guide on how to figure a monthly rent.

- ○ Less than $50
- ○ $50 to $59
- ○ $60 to $69
- ○ $70 to $79
- ○ $80 to $89
- ○ $90 to $99
- ○ $100 to $109
- ○ $110 to $119
- ○ $120 to $129
- ○ $130 to $139
- ○ $140 to $149
- ○ $150 to $159
- ○ $160 to $169
- ○ $170 to $179
- ○ $180 to $189
- ○ $190 to $199
- ○ $200 to $224
- ○ $225 to $249
- ○ $250 to $274
- ○ $275 to $299
- ○ $300 to $349
- ○ $350 to $399
- ○ $400 to $499
- ○ $500 or more

FOR CENSUS USE ONLY

A4. Block number: ○○○ I I I 2 2 2 3 3 3 4 4 4 5 5 5 6 6 6 7 7 7 8 8 8 9 9 9

A6. Serial number: ○○○○ I I I I 2 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9

B. Type of unit or quarters
- Occupied
  - ○ First form
  - ○ Continuation
- Vacant
  - ○ Regular
  - ○ Usual home elsewhere
- Group quarters
  - ○ First form
  - ○ Continuation

For vacant units

C1. Is this unit for —
- ○ Year round use
- ○ Seasonal/Mig. — *Skip C2, C3, and D.*

C2. Vacancy status
- ○ For rent
- ○ For sale only
- ○ Rented or sold, not occupied
- ○ Held for occasional use
- ○ Other vacant

C3. Is this unit boarded up?
○ Yes ○ No

D. Months vacant
- ○ Less than 1 month
- ○ 1 up to 2 months
- ○ 2 up to 6 months
- ○ 6 up to 12 months
- ○ 1 year up to 2 years
- ○ 2 or more years

E. Indicators
1. ○ ○ Mail return
2. ○ ○ Pop./F

○ ○

F. Total persons: ○○○ I I I 2 2 2 3 3 3 4 4 4 5 5 5 6 6 6 7 7 7 8 8 8 9 9 9

Page 4

H13. Which best describes this building?
Include all apartments, flats, etc., even if vacant.

- ○ A mobile home or trailer
- ○ A one-family house detached from any other house
- ○ A one-family house attached to one or more houses
- ○ A building for 2 families
- ○ A building for 3 or 4 families
- ○ A building for 5 to 9 families
- ○ A building for 10 to 19 families
- ○ A building for 20 to 49 families
- ○ A building for 50 or more families
- ○ A boat, tent, van, etc.

H14a. How many stories (floors) are in this building?
Count an attic or basement as a story if it has any finished rooms for living purposes.

- ○ 1 to 3 — *Skip to H15*
- ○ 4 to 6
- ○ 7 to 12
- ○ 13 or more stories

b. Is there a passenger elevator in this building?

- ○ Yes
- ○ No

H15a. Is this building —

- ○ On a city or suburban lot, or on a place of less than 1 acre? — *Skip to H16*
- ○ On a place of 1 to 9 acres?
- ○ On a place of 10 or more acres?

b. Last year, 1979, did sales of crops, livestock, and other farm products from this place amount to —

- ○ Less than $50 (or None)
- ○ $50 to $249
- ○ $250 to $599
- ○ $600 to $999
- ○ $1,000 to $2,499
- ○ $2,500 or more

H16. Do you get water from —

- ○ A public system *(city water department, etc.)* or private company?
- ○ An individual drilled well?
- ○ An individual dug well?
- ○ Some other source *(a spring, creek, river, cistern, etc.)*?

H17. Is this building connected to a public sewer?

- ○ Yes, connected to public sewer
- ○ No, connected to septic tank or cesspool
- ○ No, use other means

H18. About when was this building originally built? *Mark when the building was first constructed, not when it was remodeled, added to, or converted.*

- ○ 1979 or 1980
- ○ 1975 to 1978
- ○ 1970 to 1974
- ○ 1960 to 1969
- ○ 1950 to 1959
- ○ 1940 to 1949
- ○ 1939 or earlier

H19. When did the person listed in column 1 move into this house (or apartment)?

- ○ 1979 or 1980
- ○ 1975 to 1978
- ○ 1970 to 1974
- ○ 1960 to 1969
- ○ 1950 to 1959
- ○ 1949 or earlier
- ○ Always lived here

H20. How are your living quarters heated?
Fill one circle for the kind of heat used most.

- ○ Steam or hot water system
- ○ Central warm-air furnace with ducts to the individual rooms *(Do not count electric heat pumps here)*
- ○ Electric heat pump
- ○ Other built-in electric units *(permanently installed in wall, ceiling, or baseboard)*
- ○ Floor, wall, or pipeless furnace
- ○ Room heaters with flue or vent, burning gas, oil, or kerosene
- ○ Room heaters without flue or vent, burning gas, oil, or kerosene *(not portable)*
- ○ Fireplaces, stoves, or portable room heaters of any kind
- ○ No heating equipment

ALSO ANSWER THESE QUESTIONS

H21a. Which fuel is used most for house heating?

- ○ Gas: from underground pipes serving the neighborhood
- ○ Gas: bottled, tank, or LP
- ○ Electricity
- ○ Fuel oil, kerosene, etc.
- ○ Coal or coke
- ○ Wood
- ○ Other fuel
- ○ No fuel used

b. Which fuel is used most for water heating?

- ○ Gas: from underground pipes serving the neighborhood
- ○ Gas: bottled, tank, or LP
- ○ Electricity
- ○ Fuel oil, kerosene, etc.
- ○ Coal or coke
- ○ Wood
- ○ Other fuel
- ○ No fuel used

c. Which fuel is used most for cooking?

- ○ Gas: from underground pipes serving the neighborhood
- ○ Gas: bottled, tank, or LP
- ○ Electricity
- ○ Fuel oil, kerosene, etc.
- ○ Coal or coke
- ○ Wood
- ○ Other fuel
- ○ No fuel used

H22. What are the costs of utilities and fuels for your living quarters?

a. Electricity
$ _____ .00 OR
Average monthly cost
- ○ Included in rent or no charge
- ○ Electricity not used

b. Gas
$ _____ .00 OR
Average monthly cost
- ○ Included in rent or no charge
- ○ Gas not used

c. Water
$ _____ .00 OR
Yearly cost
- ○ Included in rent or no charge

d. Oil, coal, kerosene, wood, etc.
$ _____ .00 OR
Yearly cost
- ○ Included in rent or no charge
- ○ These fuels not used

H23. Do you have complete kitchen facilities? *Complete kitchen facilities are a sink with piped water, a range or cookstove, and a refrigerator.*

- ○ Yes
- ○ No

H24. How many bedrooms do you have?
Count rooms used mainly for sleeping even if used also for other purposes.

- ○ No bedroom
- ○ 1 bedroom
- ○ 2 bedrooms
- ○ 3 bedrooms
- ○ 4 bedrooms
- ○ 5 or more bedrooms

H25. How many bathrooms do you have?
A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water.
A half bathroom has at least a flush toilet or bathtub or shower, but does not have all the facilities for a complete bathroom.

- ○ No bathroom, or only a half bathroom
- ○ 1 complete bathroom
- ○ 1 complete bathroom, plus half bath(s)
- ○ 2 or more complete bathrooms

H26. Do you have a telephone in your living quarters?

- ○ Yes
- ○ No

H27. Do you have air conditioning?

- ○ Yes, a central air-conditioning system
- ○ Yes, 1 individual room unit
- ○ Yes, 2 or more individual room units
- ○ No

H28. How many automobiles are kept at home for use by members of your household?

- ○ None
- ○ 1 automobile
- ○ 2 automobiles
- ○ 3 or more automobiles

H29. How many vans or trucks of one-ton capacity or less are kept at home for use by members of your household?

- ○ None
- ○ 1 van or truck
- ○ 2 vans or trucks
- ○ 3 or more vans or trucks

CENSUS USE

H22a.
H22b.
H22c.
H22d.

FOR YOUR HOUSEHOLD

Please answer H30–H32 if you live in a one-family house which you own or are buying, unless this is —

- A mobile home or trailer . . . . . .
- A house on 10 or more acres . . . . . .
- A condominium unit . . . . . .
- A house with a commercial establishment or medical office on the property . . . . .

If any of these, or if you rent your unit or this is a multi-family structure, skip H30 to H32 and turn to page 6.

H30. What were the real estate taxes on this property last year?

$ _____ .00 OR ○ None

H31. What is the annual premium for fire and hazard insurance on this property?

$ _____ .00 OR ○ None

H32a. Do you have a mortgage, deed of trust, contract to purchase, or similar debt on this property?

○ Yes, mortgage, deed of trust, or similar debt

○ Yes, contract to purchase

○ No — *Skip to page 6*

b. Do you have a second or junior mortgage on this property?

○ Yes ○ No

c. How much is your total regular monthly payment to the lender?
Also include payments on a contract to purchase and to lenders holding second or junior mortgages on this property.

$ _____ .00 OR ○ No regular payment required — *Skip to page 6*

d. Does your regular monthly payment (amount entered in H32c) include payments for real estate taxes on this property?

○ Yes, taxes included in payment

○ No, taxes paid separately or taxes not required

e. Does your regular monthly payment (amount entered in H32c) include payments for fire and hazard insurance on this property?

○ Yes, insurance included in payment

○ No, insurance paid separately or no insurance

Please turn to page 6

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	S.S. Yes	S.S. No	2.	4.
1	○	○		
2	○	○		
3	○	○		
4	○	○		
5	○	○		
6	○	○		
7	○	○		

	GQ.	H30.	H31.	H32c.
1				
2				
3				
4				
5				
6				
7				

Page 6

ANSWER THESE QUESTIONS FOR

Name of Person 1 on page 2: _____
Last name First name Middle initial

11. In what State or foreign country was this person born?
Print the State where this person's mother was living when this person was born. Do not give the location of the hospital unless the mother's home and the hospital were in the same State.
_____
Name of State or foreign country; or Puerto Rico, Guam, etc.

12. *If this person was born in a foreign country —*
a. Is this person a naturalized citizen of the United States?
○ Yes, a naturalized citizen
○ No, not a citizen
○ Born abroad of American parents

b. When did this person come to the United States to stay?
○ 1975 to 1980 ○ 1965 to 1969 ○ 1950 to 1959
○ 1970 to 1974 ○ 1960 to 1964 ○ Before 1950

13a. Does this person speak a language other than English at home?
○ Yes ○ No, only speaks English — *Skip to 14*

b. What is this language?
_____
(For example — Chinese, Italian, Spanish, etc.)

c. How well does this person speak English?
○ Very well ○ Not well
○ Well ○ Not at all

14. What is this person's ancestry? *If uncertain about how to report ancestry, see instruction guide.*
_____
(For example: Afro-Amer., English, French, German, Honduran, Hungarian, Irish, Italian, Jamaican, Korean, Lebanese, Mexican, Nigerian, Polish, Ukrainian, Venezuelan, etc.)

15a. Did this person live in this house five years ago (April 1, 1975)?
If in college or Armed Forces in April 1975, report place of residence there.
○ Born April 1975 or later — *Turn to next page for next person*
○ Yes, this house — *Skip to 16*
○ No, different house

b. Where did this person live five years ago (April 1, 1975)?
(1) State, foreign country, Puerto Rico, Guam, etc.: _____
(2) County: _____
(3) City, town, village, etc.: _____
(4) Inside the incorporated (legal) limits of that city, town, village, etc.?
○ Yes ○ No, in unincorporated area

16. When was this person born?
○ Born before April 1965 — *Please go on with questions 17-33*
○ Born April 1965 or later — *Turn to next page for next person*

17. In April 1975 *(five years ago)* was this person —
a. On active duty in the Armed Forces?
○ Yes ○ No

b. Attending college?
○ Yes ○ No

c. Working at a job or business?
○ Yes, full time ○ No
○ Yes, part time

18a. Is this person a veteran of active-duty military service in the Armed Forces of the United States?
If service was in National Guard or Reserves only, see instruction guide.
○ Yes ○ No — *Skip to 19*

b. Was active-duty military service during —
Fill a circle for each period in which this person served.
○ May 1975 or later
○ Vietnam era *(August 1964–April 1975)*
○ February 1955—July 1964
○ Korean conflict *(June 1950–January 1955)*
○ World War II *(September 1940–July 1947)*
○ World War I *(April 1917–November 1918)*
○ Any other time

19. Does this person have a physical, mental, or other health condition which has lasted for 6 or more months and which . . .

	Yes	No
a. Limits the kind or amount of work this person can do at a job?	○	○
b. Prevents this person from working at a job?	○	○
c. Limits or prevents this person from using public transportation?	○	○

20. *If this person is a female —*
How many babies has she ever had, not counting stillbirths?
Do not count her stepchildren or children she has adopted.

None	1	2	3	4	5	6
○	○	○	○	○	○	○

7	8	9	10	11	12 or more
○	○	○	○	○	○

21. *If this person has ever been married —*
a. Has this person been married more than once?
○ Once ○ More than once

b. Month and year of marriage? _____ *(Month) (Year)*
Month and year of first marriage? _____ *(Month) (Year)*

c. *If married more than once —* Did the first marriage end because of the death of the husband (or wife)?
○ Yes ○ No

22a. Did this person work at any time last week?
○ Yes — *Fill this circle if this person worked full time or part time. (Count part-time work such as delivering papers, or helping without pay in a family business or farm. Also count active duty in the Armed Forces.)*
○ No — *Fill this circle if this person did not work, or did only own housework, school work, or volunteer work.*
Skip to 25

b. How many hours did this person work last week (at all jobs)?
Subtract any time off; add overtime or extra hours worked.
_____ Hours

23. At what location did this person work last week?
If this person worked at more than one location, print where he or she worked most last week.
If one location cannot be specified, see instruction guide.
a. Address *(Number and street)* _____
_____
If street address is not known, enter the building name, shopping center, or other physical location description.

b. Name of city, town, village, borough, etc.
_____

c. Is the place of work inside the incorporated (legal) limits of that city, town, village, borough, etc.?
○ Yes ○ No, in unincorporated area

d. County _____

e. State _____ f. ZIP Code _____

24a. Last week, how long did it usually take this person to get from home to work (one way)?
_____ Minutes

b. How did this person usually get to work last week?
If this person used more than one method, give the one usually used for most of the distance.
○ Car ○ Taxicab
○ Truck ○ Motorcycle
○ Van ○ Bicycle
○ Bus or streetcar ○ Walked only
○ Railroad ○ Worked at home
○ Subway or elevated ○ Other — *Specify* _____
If car, truck, or van in 24b, go to 24c. Otherwise, skip to 28.

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Per. No.	11.	13b.		14.		15b.	23.	○ VL	24a.
1	1 1 1	1 1 1		1 1 1	1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1	1 1
2	2 2 2	2 2 2		2 2 2	2 2 2	2 2 2 2 2 2	2 2 2 2 2 2	2 2 2	2 2
3	3 3 3	3 3 3		3 3 3	3 3 3	3 3 3 3 3 3	3 3 3 3 3 3	3 3 3	3 3
4	4 4 4	4 4 4		4 4 4	4 4 4	4 4 4 4 4 4	4 4 4 4 4 4	4 4 4	4 4
5	5 5 5	5 5 5		5 5 5	5 5 5	5 5 5 5 5 5	5 5 5 5 5 5	5 5 5	5 5
6	6 6 6	6 6 6		6 6 6	6 6 6	6 6 6 6 6 6	6 6 6 6 6 6	6 6 6	6 6
7	7 7 7	7 7 7		7 7 7	7 7 7	7 7 7 7 7 7	7 7 7 7 7 7	7 7 7	7 7
8	8 8 8	8 8 8		8 8 8	8 8 8	8 8 8 8 8 8	8 8 8 8 8 8	8 8 8	8 8
	9 9 9	9 9 9		9 9 9	9 9 9	9 9 9 9 9 9	9 9 9 9 9 9	9 9 9	9 9

PERSON 1 ON PAGE 2

c. When going to work last week, did this person usually —
- ○ Drive alone — *Skip to 28*
- ○ Share driving
- ○ Drive others only
- ○ Ride as passenger only

d. How many people, including this person, usually rode to work in the car, truck, or van last week?
- ○ 2
- ○ 3
- ○ 4
- ○ 5
- ○ 6
- ○ 7 or more

After answering 24d, skip to 28.

25. Was this person temporarily absent or on layoff from a job or business last week?
- ○ Yes, on layoff
- ○ Yes, on vacation, temporary illness, labor dispute, etc.
- ○ No

26a. Has this person been looking for work during the last 4 weeks?
- ○ Yes
- ○ No — *Skip to 27*

b. Could this person have taken a job last week?
- ○ No, already has a job
- ○ No, temporarily ill
- ○ No, other reasons *(in school, etc.)*
- ○ Yes, could have taken a job

27. When did this person last work, even for a few days?
- ○ 1980
- ○ 1979
- ○ 1978
- ○ 1975 to 1977
- ○ 1970 to 1974
- ○ 1969 or earlier
- ○ Never worked

Skip to 31d

28–30. Current or most recent job activity

Describe clearly this person's chief job activity or business last week. If this person had more than one job, describe the one at which this person worked the most hours. If this person had no job or business last week, give information for last job or business since 1975.

28. Industry

a. For whom did this person work? *If now on active duty in the Armed Forces, print "AF" and skip to question 31.*

(Name of company, business, organization, or other employer)

b. What kind of business or industry was this?

Describe the activity at location where employed.

(For example: Hospital, newspaper publishing, mail order house, auto engine manufacturing, breakfast cereal manufacturing)

c. Is this mainly — *(Fill one circle)*
- Manufacturing
- Wholesale trade
- Retail trade
- Other — *(agriculture, construction, service, government, etc.)*

29. Occupation

a. What kind of work was this person doing?

(For example: Registered nurse, personnel manager, supervisor of order department, gasoline engine assembler, grinder operator)

b. What were this person's most important activities or duties?

(For example: Patient care, directing hiring policies, supervising order clerks, assembling engines, operating grinding mill)

30. Was this person — *(Fill one circle)*
- Employee of private company, business, or individual, for wages, salary, or commissions ....
- Federal government employee .....
- State government employee .....
- Local government employee *(city, county, etc.)* .....
- Self-employed in own business, professional practice, or farm —
  - Own business not incorporated .....
  - Own business incorporated .....
- Working without pay in family business or farm .....

CENSUS USE

21b. I II III IV

22b.

28. A B C D E F G H J K L M AF NW

29. N P Q R S T U V W X Y Z

31a. Last year (1979), did this person work, even for a few days, at a paid job or in a business or farm?
- ○ Yes
- ○ No — *Skip to 31d*

b. How many weeks did this person work in 1979?

Count paid vacation, paid sick leave, and military service.

_____ Weeks

c. During the weeks worked in 1979, how many hours did this person usually work each week?

_____ Hours

d. Of the weeks not worked in 1979 (if any), how many weeks was this person looking for work or on layoff from a job?

_____ Weeks

32. Income in 1979 —

Fill circles and print dollar amounts.
If net income was a loss, write "Loss" above the dollar amount.
If exact amount is not known, give best estimate. For income received jointly by household members, see instruction guide.

During 1979 did this person receive any income from the following sources?

If "Yes" to any of the sources below — How much did this person receive for the entire year?

a. Wages, salary, commissions, bonuses, or tips from all jobs . . . *Report amount before deductions for taxes, bonds, dues, or other items.*
- ○ Yes → $ _____ .00 *(Annual amount – Dollars)*
- ○ No

b. Own nonfarm business, partnership, or professional practice . . . *Report net income after business expenses.*
- ○ Yes → $ _____ .00 *(Annual amount – Dollars)*
- ○ No

c. Own farm. . . *Report net income after operating expenses. Include earnings as a tenant farmer or sharecropper.*
- ○ Yes → $ _____ .00 *(Annual amount – Dollars)*
- ○ No

d. Interest, dividends, royalties, or net rental income . . . *Report even small amounts credited to an account.*
- ○ Yes → $ _____ .00 *(Annual amount – Dollars)*
- ○ No

e. Social Security or Railroad Retirement . . .
- ○ Yes → $ _____ .00 *(Annual amount – Dollars)*
- ○ No

f. Supplemental Security (SSI), Aid to Families with Dependent Children (AFDC), or other public assistance or public welfare payments . . .
- ○ Yes → $ _____ .00 *(Annual amount – Dollars)*
- ○ No

g. Unemployment compensation, veterans' payments, pensions, alimony or child support, or any other sources of income received regularly . . . *Exclude lump-sum payments such as money from an inheritance or the sale of a home.*
- ○ Yes → $ _____ .00 *(Annual amount – Dollars)*
- ○ No

33. What was this person's total income in 1979?

Add entries in questions 32a through g; subtract any losses.

$ _____ .00 *(Annual amount – Dollars)*

If total amount was a loss, write "Loss" above amount.

OR ○ None

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31b. 31c. 31d.

32a. 32b. 32c. 32d. 32e. 32f. 32g. 33.

→ *Please turn to the next page and answer the questions for Person 2 on page 2*

Appendix F.—Publication and Computer Tape Program

GENERAL F–1
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PHC80-1, Block Statistics . . . F–1
PHC80-2, Census Tracts F–2
PHC80-3, Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas . . . F–2
PHC80-4, Congressional Districts of the 98th Congress F–2
PHC80-S1-1, Provisional Estimates of Social, Economic, and Housing Characteristics. F–2
PHC80-S2, Advance Estimates of Social, Economic, and Housing Characteristics . F–2
Population Census Reports F–2
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PC80-1-A, Chapter A, Number of Inhabitants F–2
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GENERAL

The results of the 1980 Census of Population and Housing are issued in three forms: printed reports, computer tape files, and microfiche. Most of the reports listed are issued on a flow basis through 1983. A few may be issued later, such as Subject Reports and Evaluation and Reference Reports.

The publications of the 1980 census are released under three subject titles: *1980 Census of Population and Housing, 1980 Census of Population, and 1980 Census of Housing.* The description of the publication program below is organized in sections, by census title, followed by the reports under each title. It should be noted that a number of population census reports contain some housing data and a number of housing census reports contain some population data. Following the description of the publication program are sections on computer tapes, maps, and microfiche.

The data product descriptions include listings of geographic areas for which data are summarized in that product. Note that the term "place" refers to incorporated places and census designated (or unincorporated) places, as well as towns and townships in 11 States (the 6 New England States, the 3 Middle Atlantic States, Michigan, and Wisconsin).

Order forms for these materials are available, subject to availability of the data product, from Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233; Census Bureau Regional Offices; U.S. Department of Commerce District Offices; and State Data Centers. After issuance, census reports are on file in many libraries and are available for examination at any Department of Commerce District Office or Census Bureau Regional Office.

PUBLICATIONS

Population and Housing Census Reports

PHC80-1, Block Statistics—These reports, which are issued on microfiche rather

than in print form, present population and housing unit totals and statistics on selected characteristics which are based on complete-count tabulations. Data are shown for blocks in urbanized areas and selected adjacent areas, for blocks in places of 10,000 or more inhabitants, and for blocks in areas which contracted with the Census Bureau to provide block statistics.

The set of reports consists of 374 sets of microfiche and includes a report for each standard metropolitan statistical area (SMSA), showing blocked areas within the SMSA, and a report for each State and for Puerto Rico, showing blocked areas outside SMSA's. In addition to microfiche, printed detailed maps showing the blocks covered by the particular report are available as well as a U.S. Summary, which is an index to the set.

PHC80-2, Census Tracts—Statistics for most of the population and housing subjects included in the 1980 census are presented for census tracts in SMSA's and in other tracted areas. Both complete-count data and sample data are included. Most statistics are presented by race and Spanish origin for areas with at least a specified number of persons in the relevant population group.

There is one report for each SMSA, as well as one for each of the States and Puerto Rico which have tracted areas outside SMSA's. In addition, maps showing the boundaries and identification numbers of census tracts in the SMSA are available as well as a U.S. Summary, which is an index to the set and also provides a historical listing of the total number of tracts by area.

PHC80-3, Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas—Statistics are presented on total population and on complete-count and sample population characteristics such as age, race, education, disability, ability to speak English, labor force, and income, and on total housing units and housing characteristics such as value, age of structure, and rent. These statistics are shown for the following areas or their equivalents: States, SMSA's, counties, county subdivisions (those which are functioning general-purpose local governments), and incorporated places.

There is one report for each State, the District of Columbia, and Puerto Rico. This series does not include a U.S. Summary.

PHC80-4, Congressional Districts of the 98th Congress—These reports present complete-count and sample data for congressional districts of the 98th Congress. The reports reflect redistricting based on the 1982 elections. One report is issued for each of the 50 States and the District of Columbia.

PHC80-S1-1, Provisional Estimates of Social, Economic, and Housing Characteristics—This report presents provisional estimates based on sample data collected in the 1980 census. Data on social, economic, and housing characteristics are shown for the United States as a whole, each State, the District of Columbia, and SMSA's of 1 million or more inhabitants.

These data are based on a special subsample of the full census sample. The sample, which represents about 1.6 percent of the total population, was developed to provide users with initial data on characteristics of the population and housing units for the Nation and large areas.

PHC80-S2, Advance Estimates of Social, Economic, and Housing Characteristics—These reports present advance sample data from the 1980 census including such social and economic characteristics of the population as education, migration, labor force, and income as well as housing characteristics such as structural information, mortgage, and gross rent.

The set consists of 50 paperbound reports and includes one report for each State and the District of Columbia. No report will be issued for the United States as a whole.

Each report presents population and housing characteristics for the State, its counties or comparable areas, and places of 25,000 or more inhabitants. Selected data are shown for four race groups (White; Black; combined American Indian, Eskimo, and Aleut; and Asian and Pacific Islander) as well as for persons of Spanish origin.

Population Census Reports

PC80-1, Volume 1, Characteristics of the Population—This volume presents final population counts and statistics on population characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of four chapters for each area, chapters A, B, C, and D. Chapters A and B present data collected on a complete-count basis, and chapters C and D present estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The population totals presented in chapters A and B may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Chapters B, C, and D present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A, B, C, and D.

PC80-1-A, Chapter A, Number of Inhabitants—Final population counts are shown for the following areas or their equivalents: States, counties, county subdivisions, incorporated places and census designated places, standard consolidated statistical areas (SCSA's), SMSA's, and urbanized areas. Selected tables contain population counts by urban and rural residence. Many tables contain population counts from previous censuses.

PC80-1-B, Chapter B, General Population Characteristics—Statistics on household relationship, age, race, Spanish origin, sex, and marital status are shown for the following areas or their equivalents: States, counties (by total and rural residence), county subdivisions, places of 1,000 or more inhabitants, SCSA's,

SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

PC80-1-C, Chapter C, General Social and Economic Characteristics—Statistics are presented on nativity, State or country of birth, citizenship and year of immigration for the foreign-born population, language spoken at home and ability to speak English, ancestry, fertility, family composition, type of group quarters, marital history, residence in 1975, journey to work, school enrollment, years of school completed, disability, veterans status, labor force status, occupation, industry, class of worker, labor force status in 1979, income in 1979, and poverty status in 1979. In addition, data on subjects shown in the PC80-1-B reports are presented in this report in more detail.

Each subject is shown for some or all of the following areas or their equivalents: States, counties (by rural and rural-farm residence), places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

PC80-1-D, Chapter D, Detailed Population Characteristics—Statistics on most of the subjects covered in the PC80-1-C reports are presented in this report in considerably greater detail and cross-classified by age, race, Spanish origin, and other characteristics. Each subject is shown for the State or equivalent area, and some subjects are also shown for rural residence at the State level. Most subjects are shown for SMSA's of 250,000 or more inhabitants, and a few are shown for central cities of these SMSA's.

PC80-2, Volume 2, Subject Reports—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. A few reports show statistics for States, SMSA's, large cities, American Indian reservations, or Alaska Native villages. Separate reports are issued on such subjects as racial and ethnic groups, type of residence, fertility, families, marital status, migration, education, employment, occupation, industry, journey to work, income, poverty status, and other topics.

PC80-S1, Supplementary Reports—These reports present special compilations of 1980 census statistics dealing with specific population subjects.

Housing Census Reports

HC80-1, Volume 1, Characteristics of Housing Units—This volume presents final housing unit counts and statistics on housing characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of two chapters for each area, chapters A and B. Chapter A presents data collected on a complete-count basis, and chapter B presents estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The housing totals presented in this report may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Both chapters present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A and B.

HC80-1-A, Chapter A, General Housing Characteristics—Statistics on units at address, tenure, condominium status, number of rooms, persons per room, plumbing facilities, value, contract rent, and vacancy status are shown for some or all of the following areas or their equivalents: States, counties, county subdivisions, places of 1,000 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables contain housing characteristics by urban and rural residence.

HC80-1-B, Chapter B, Detailed Housing Characteristics—Statistics on units in structure, year moved into unit, year structure built, heating equipment, fuels, air-conditioning, source of water, sewage disposal, gross rent, and selected monthly ownership costs are shown for some or all of the following areas or their equivalents: States, counties, places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables show housing characteristics for rural and rural farm residence at the State and county level. Some subjects included in the HC80-1-A reports are also covered in this report in more detail.

HC80-2, Volume 2, Metropolitan Housing Characteristics—This volume presents statistics on most of the 1980 housing census subjects in considerable detail and cross-classification. Most statistics are presented by race and Spanish origin for areas with at least a specified number of the relevant population group. Data are shown for States or equivalent areas, SMSA's and their central cities, and other cities of 50,000 or more inhabitants.

There is one report for each SMSA and one report for each State and Puerto Rico. The set includes a U.S. Summary report showing these statistics for the United States and regions.

HC80-3, Volume 3, Subject Reports—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. Separate reports are issued on housing of the elderly, mobile homes, and American Indian households.

HC80-4, Volume 4, Components of Inventory Change—This volume consists of two reports presenting statistics on the 1980 characteristics of housing units which existed in 1973, as well as on newly constructed units, conversions, mergers, demolitions, and other additions and losses to the housing inventory between 1973 and 1980. These reports present data derived from a sample survey conducted in the fall of 1980. Data are presented for the United States and regions in report I. Report II has two parts: Part A presents data for that group of SMSA's (not individually identified)

with populations of 1 million or more at the time of the 1970 census, and part B presents data for that group of SMSA's (not individually identified) with populations of less than 1 million at the time of the 1970 census.

HC80-5, Volume 5, Residential Finance—This volume consists of one report presenting statistics on the financing of nonfarm homeowner and rental and vacant properties, including characteristics of the mortgage, property, and owner. The statistics are based on a sample survey conducted in the spring of 1981. Data are presented for the United States and regions. Some data are presented by inside and outside SMSA's and by central cities.

HC80-S1-1, Supplementary Reports—These reports present statistics from the 1980 Census of Housing on general characteristics of housing units for the 50 States and the District of Columbia, counties, and independent cities.

Evaluation and Reference Reports

PHC80-E, Evaluation and Research Reports—These reports present the results of the extensive evaluation program conducted as an integral part of the 1980 census. This program relates to such matters as completeness of enumeration and quality of the data on characteristics.

PHC80-R, Reference Reports—These reports present information on the various administrative and methodological aspects of the 1980 census. The series includes:

PHC80-R1, Users' Guide—This report covers subject content, procedures, geography, statistical products, limitations of the data, sources of user assistance, notes on data use, a glossary of terms, and guides for locating data in reports and tape files. The guide is issued in looseleaf form and sold in parts (R1-A, B, etc.) as they are printed.

PHC80-R2, History—This report describes in detail all phases of the 1980 census, from the earliest planning through all stages to the dissemination of data and evaluation of results. It contains detailed discussion of 1980 census questions and their use in previous decennial censuses.

PHC80-R3, Alphabetical Index of Industries and Occupations—This report was developed primarily for use in classifying responses to the questions on the kind of business (industry) and kind of work (occupation) in which the respondent is engaged. The index lists approximately 20,000 industry and 29,000 occupation titles in alphabetical order.

PHC80-R4, Classified Index of Industries and Occupations—This report defines the industrial and occupational classification systems adopted for the 1980 Census of Population. It presents the individual titles that constitute each of the 231 industry and 503 occupation categories in the classification systems. The individual titles are the same as those shown in the Alphabetical Index. The 1980 occupation classification reflects the new U.S. Standard Occupational Classification (SOC). As in the past, the 1980 industry classification reflects the Standard Industrial Classification (SIC).

PHC80-R5, Geographic Identification Code Scheme—This report identifies the names and related geographic codes for each State, county, minor civil division, place, region, division, SCSA, SMSA, American Indian reservation, and Alaska Native village for which the Census Bureau tabulated data from the 1980 census.

COMPUTER TAPES

Summary Tape Files

In addition to the printed and microfiche reports, results of the 1980 census also are provided on computer tape in the form of summary tape files (STF's). These data products have been designed to provide statistics with greater subject and geographic detail than is feasible or desirable to provide in printed and microfiche reports. The STF data are made available at nominal cost. The data are subject to suppression of certain detail where necessary to protect confidentiality.

There are five STF's (listed below), and the amount of geographic and subject detail presented varies. STF's 1 and 2 contain complete-count data, and STF's 3, 4, and 5 contain sample data. Note that the term "cells" used below refers to the number of subject statistics provided for each geographic area, and the number of cells is indicative of the detail of the subject content of the file.

Each of the STF's generally consists of two or more files which provide different degrees of geographic detail and, in some cases, race/Spanish origin cross-classification. For each of the files there is a separate tape or tapes for each State, the District of Columbia, and Puerto Rico. Selected files (STF 1 and STF 3) are also produced for Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. These tapes are issued on a State-by-State basis and are followed by a national summary tape for the particular file. More complete descriptions of the STF's than given in the summaries below can be found in the technical documentation of the specific file and in the PHC80-R1, *Users' Guide*.

STF 1—This STF provides 321 cells of complete-count population and housing data. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, congressional districts, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and blocks and block groups in blocked areas. The data include those shown in the PHC80-1, PHC80-3 (complete-count), and PC80-1-A reports.

STF 2—This STF contains 2,292 cells of detailed complete-count population and housing data, of which 962 are repeated for each race and Spanish origin group present in the tabulation area. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, counties, county subdivisions, places of 1,000 or more inhabitants, census tracts, American Indian reservations, and Alaska Native villages. The data include those shown in the PHC80-2 (complete-count), PC80-1-B, and HC80-1-A reports.

STF 3—This STF contains 1,126 cells of data on various population and housing subjects collected on a sample basis. The areas covered are the same as in STF 1, excluding blocks. The data include those shown in the PHC80-3 (sample) reports.

STF 4—This STF is the geographic counterpart of STF 2, but the number of cells of data is greater (approximately 8,400). STF 4 provides data covering virtually all of the population and housing subjects collected on a sample basis, as well as some of the complete-count subjects. Some of the statistics are repeated for race, Spanish origin, and ancestry groups. Data are summarized for areas similar to those shown in STF 2, except that data for places are limited to those with 2,500 or more inhabitants. The data include those shown in the PHC80-2 (sample), PC80-1-C, and HC80-1-B reports.

STF 5—This STF contains over 100,000 cells of data on various population and housing subjects collected on a sample basis and provides detailed tabulations and cross-classifications for States, SMSA's, counties, cities of 50,000 or more inhabitants and central cities. Most subjects are classified by race and Spanish origin. The data include those shown in the PC80-1-D and HC80-2 reports.

Other Computer Tape Files

P.L. 94-171, Population Counts—In accordance with Public Law (P.L.) 94-171, the Census Bureau provides population tabulations to all States for legislative reapportionment/redistricting. The file is issued on a State-by-State basis. It contains population counts classified by race and Spanish origin. The data are tabulated for the following levels of geography as applicable: States, counties, county subdivisions, incorporated places, census tracts, blocks and block groups in blocked areas, and enumeration districts in unblocked areas. For States participating in the voluntary program to define election precincts in conjunction with the Census Bureau, the data are also tabulated for election precincts.

Master Area Reference Files 1 and 2 (MARF)

MARF 1—This geographic reference file is an extract of STF 1 designed for those who require a master list of geographic codes and areas, along with basic census counts arranged hierarchically from the State down to the block group and enumeration district levels and is issued on a State-by-State basis. The file contains records for States, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and block groups in blocked areas. Each record shows the total population by five race groups, population of Spanish origin, number of housing units, number of households, number of families, and a few other items.

MARF 2—This file is the same as the MARF 1 with the latitude and longitude coordinates for a representative point (centroid) in each block group (BG) or enumeration district (ED) outside block numbered areas.

Geographic Base File/Dual Independent Map Encoding (GBF/DIME)—These files are computer representations of the Metropolitan Map Series, including address ranges and ZIP Codes, which generally cover the urbanized portions of SMSA's. GBF/DIME files are used to assign census geographic codes to addresses (geocoding). The files are available by SMSA.

Public-Use Microdata Samples—Public-use microdata samples are computerized files containing most population and housing characteristics as shown on a sample of individual census records. These files contain no names or addresses, and geographic identification is sufficiently broad to protect confidentiality.

There are three mutually exclusive samples, the A sample including 5 percent of all persons and housing units, and the B and C samples each including 1 percent of all persons and housing units. States and most large SMSA's will be identifiable on one or more of the files. Microdata files allow the user to prepare customized tabulations.

Census/EEO Special File—This file provides sample census data with specified relevance to EEO and affirmative action uses. The file contains two tabulations, one with detailed occupational data and the other with years of school completed by age. The data in both tabulations are crossed by sex, race, and Spanish origin. These data are provided for all counties, for all SMSA's, and for places with a population of 50,000 or more.

MAPS

Maps necessary to define areas are generally published and included as part of the corresponding reports. Maps are published for Block Statistics (PHC80-1) and Census Tracts (PHC80-2), but must be purchased separately from the report. Maps necessary to define enumeration districts are available on a cost-of-reproduction basis.

MICROFICHE

Some of the computer tape products are available on microfiche. The STF microfiche are issued for each State or Area and for the United States. These include:

STF 1 Microfiche—Data from STF 1 are presented in tabular form for all the STF 1 geographic levels described previously, except blocks.

STF 3 Microfiche—Data from STF 3 are presented in tabular form for all the STF 3 geographic levels.

P.L. 94-171 Counts Microfiche—The data from the P.L. 94-171 computer file are presented in a listing format.

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1980 Census of Population and Housing

Users' Guide

The Users' Guide, a reference work on the 1980 census, is now available. It consists of:

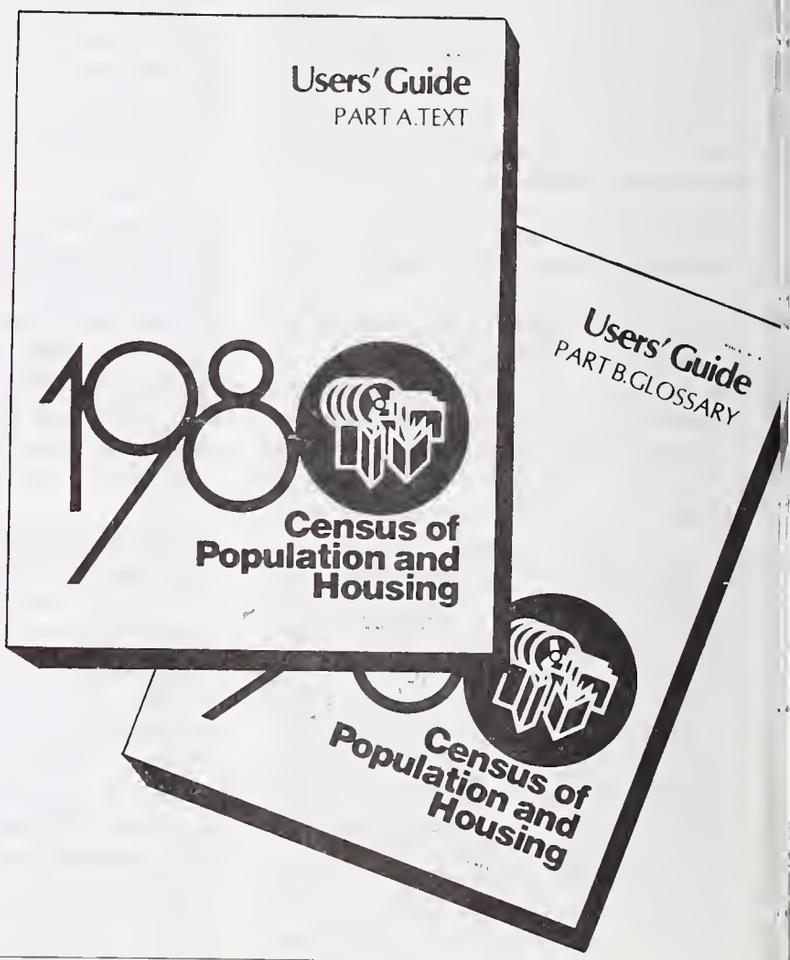
- Part A. Text—Covers census data subjects; geographic considerations; reports, tapes, maps, and other products; services available to users; and many other topics central to understanding and using 1980 census data.

- Part B. Glossary—Provides detailed definitions of population, housing, geographic, and technical terms associated with the census—especially important for people using 1980 data on tape or microfiche.

- Sources of Assistance—Furnishes addresses and phone numbers of public and private sector organizations offering a variety of products and services, such as tape processing, area profiles, training, and reference assistance.

- Updates—Provide information on new developments relating to the 1980 census. Each update is keyed to the particular point in "Part A. Text" that needs revision.

Part C, a table finder, and Part D, a guide to tape contents, are planned for publication later.



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